DBCLOUD
EXAMS

QUESTIONS & ANSWERS

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Technology Provider: Google
Exam: Professional Cloud Developer
Number of questions in the database: 375
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Topic 1 - Single Topic

Question #1*Topic 1*

You want to upload files from an on-premises virtual machine to Google Cloud Storage as part of a data migration. These files will be consumed by Cloud
DataProc Hadoop cluster in a GCP environment.
Which command should you use?

- A. gsutil cp [LOCAL_OBJECT] gs://[DESTINATION_BUCKET_NAME]/
- B. gcloud cp [LOCAL_OBJECT] gs://[DESTINATION_BUCKET_NAME]/
- C. hadoop fs cp [LOCAL_OBJECT] gs://[DESTINATION_BUCKET_NAME]/
- D. gcloud dataproc cp [LOCAL_OBJECT] gs://[DESTINATION_BUCKET_NAME]/

Correct Answer: *A*
The gsutil cp command allows you to copy data between your local file. storage. boto files generated by running "gsutil config"

Respuesta por mayor votación de la comunidad

A (88%)

13%

Question #2*Topic 1*

You migrated your applications to Google Cloud Platform and kept your existing monitoring platform. You now find that your notification system is too slow for time critical problems.
What should you do?

- A. Replace your entire monitoring platform with Stackdriver.
- B. Install the Stackdriver agents on your Compute Engine instances.
- C. Use Stackdriver to capture and alert on logs, then ship them to your existing platform.
- D. Migrate some traffic back to your old platform and perform AB testing on the two platforms concurrently.

Correct Answer: *C*
Reference:
https://cloud.google.com/monitoring/

Respuesta por mayor votación de la comunidad

https://dbcloud.academy/

C (48%)

B (33%)

A (19%)

Question #3*Topic 1*

You are planning to migrate a MySQL database to the managed Cloud SQL database for Google Cloud. You have Compute Engine virtual machine instances that will connect with this Cloud SQL instance. You do not want to whitelist IPs for the Compute Engine instances to be able to access Cloud SQL.
What should you do?

- A. Enable private IP for the Cloud SQL instance.
- B. Whitelist a project to access Cloud SQL, and add Compute Engine instances in the whitelisted project.
- C. Create a role in Cloud SQL that allows access to the database from external instances, and assign the Compute Engine instances to that role.
- D. Create a CloudSQL instance on one project. Create Compute engine instances in a different project. Create a VPN between these two projects to allow internal access to CloudSQL.

Correct Answer: *A*
Reference:
https://cloud.google.com/sql/docs/mysql/connect-external-app

Respuesta por mayor votación de la comunidad

A (100%)

Question #4*Topic 1*

You have deployed an HTTP(s) Load Balancer with the gcloud commands shown below.

```
export NAME=load-balancer

# create network
gcloud compute networks create ${NAME}

# add instance
gcloud compute instances create ${NAME}-backend-instance-1  --subnet ${NAME} --no-address

# create the instance group
gcloud compute instance-groups unmanaged create ${NAME}-i
gcloud compute instance-groups unmanaged set-named-ports ${NAME}-i --named-ports http:80
gcloud compute instance-groups unmanaged add-instances ${NAME}-i --instances ${NAME}-instance-1

# configure health checks
gcloud compute health-checks create http ${NAME}-http-hc --port 80

# create backend service
gcloud compute backend-services create ${NAME}-http-bes --health-checks ${NAME}-http-hc --protocol HTTP --port-name http
--global
gcloud compute backend-services add-backend ${NAME}-http-bes --instance-group ${NAME}-i --balancing-mode RATE --max-rate
100000 --capacity-scaler 1.0 --global --instance-group-zone us-east1-d

# create urls maps and forwarding rule
gcloud compute url-maps create ${NAME}-http-urlmap --default-service ${NAME}-http-bes
gcloud compute target-http-proxies create ${NAME}-http-proxy --url-map ${NAME}-http-urlmap
gcloud compute forwarding-rules create ${NAME}-http-fw --global --ip-protocol ICP --target-http-proxy ${NAME}-http-proxy
--ports 80
```

Health checks to port 80 on the Compute Engine virtual machine instance are failing and no traffic

is sent to your instances. You want to resolve the problem.
Which commands should you run?

- A. gcloud compute instances add-access-config ${NAME}-backend-instance-1
- B. gcloud compute instances add-tags ${NAME}-backend-instance-1 --tags http-server
- C. gcloud compute firewall-rules create allow-lb --network load-balancer --allow tcp --source-ranges 130.211.0.0/22,35.191.0.0/16 --direction INGRESS
- D. gcloud compute firewall-rules create allow-lb --network load-balancer --allow tcp --destination-ranges 130.211.0.0/22,35.191.0.0/16 --direction EGRESS

Correct Answer: *C*
Reference:
https://cloud.google.com/vpc/docs/special-configurations

Respuesta por mayor votación de la comunidad

C (100%)

Question #5*Topic 1*

Your website is deployed on Compute Engine. Your marketing team wants to test conversion rates between 3 different website designs.
Which approach should you use?

- A. Deploy the website on App Engine and use traffic splitting.
- B. Deploy the website on App Engine as three separate services.
- C. Deploy the website on Cloud Functions and use traffic splitting.
- D. Deploy the website on Cloud Functions as three separate functions.

Correct Answer: *A*
Reference:
https://cloud.google.com/appengine/docs/standard/python/splitting-traffic

Respuesta por mayor votación de la comunidad

A (83%)

B (17%)

Question #6*Topic 1*

You need to copy directory local-scripts and all of its contents from your local workstation to a Compute Engine virtual machine instance.
Which command should you use?

- A. gsutil cp --project ג€my-gcp-projectג€ -r ~/local-scripts/ gcp-instance-name:~/server-scripts/ --zone ג€us-east1-bג€

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