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## Practice Test 4

Completed on 27-January-2021

**Attempt**

01

**Marks Obtained**

4 / 10

**Your score**

40%

**Time Taken**

00 H 00 M 30 S

**Result**

Failed

## Domains wise Quiz Performance Report

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No	Domain	Total Question	Correct	Incorrect	Unattempted	Marked as Review
1	Setting up a cloud solution environment	2	0	2	0	0
2	Planning and configuring a cloud solution	2	1	1	0	0
3	Deploying and implementing a cloud solution	2	0	2	0	0
4	Ensuring successful operation of a cloud solution	2	1	1	0	0
5	Configure access and security	2	2	0	0	0
Total	All Domain	10	4	6	0	0

Review the Answers

Sorting by

All



## Question 1

**Incorrect**

Domain :Setting up a cloud solution environment

You are asked to create 2 users for your new team members on GCP console. You add the users to IAM and when you click on select a roles you find primitive roles to set project-level

permissions. Which of the following role is not included in primitive roles list?

- A. roles/admin 
- ✓ B. roles/viewer 
- C. roles/editor
- D. roles/owner

#### Explanation:

Correct Answer: A

**A is correct:** Primitive roles have 4 levels of permissions: a) Owner, b) Editor, c) Viewer

**A, C and D are incorrect:** These roles are included in the list.

Link:

<https://cloud.google.com/iam/docs/understanding-custom-roles>

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#### Question 2

Incorrect

Domain :Setting up a cloud solution environment

You have been asked to list the name of active account using gcloud CLI. Which of the following command will you use?

- A. Gcloud config list
- B. Gcloud auth list 
- ✓ C. Gcloud account list 
- D. Gcloud project list

#### Explanation:

Correct Answer: B

**B is correct:** To list the active account name, we use gcloud auth list.

**A is incorrect:** config list is used to list all the properties of active configurations

**C is incorrect:** account list is an invalid command

**D is incorrect:** project list is used to list all active projects

Link:

<https://cloud.google.com/sdk/gcloud/reference/auth/list>

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Question 3

Correct

Domain :Planning and configuring a cloud solution

You have mapped /static/\* to gs://resources\_bucket/ and you are using HTTPS Load Balancer to serve the contents from a host, the request to HTTPS LB will try to serve gs://resources\_bucket/static/path/to/content.jpg. When you hit the DNS, you get "The specified key doesn't exist" error. What could be the reason?

- A. HTTPS is not able to serve the content from the bucket
- B. Load balancer doesn't have required permission to access the bucket
- ✓ C. Object in the bucket is missing ✓
- D. Content of the bucket is privately stored

**Explanation:**

Correct Answer: C

**C correct:** The error is observed when the requested object is not available in the bucket.

**A is incorrect:** The following error will not give any response from the server

**B is incorrect:** Permission is granted at host level and not on load balancer

**D is incorrect:** If the content is stored on a private bucket and host is unable to connect to the bucket, the request will fail.

Link:

<https://cloud.google.com/load-balancing/docs/https/setting-up-https>

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Question 4

Incorrect

Domain :Planning and configuring a cloud solution

You are working as a Cloud Engineer in a start up and have been asked to use Cloud Storage with a minimum budget of \$0.006 - \$0.012 per GB/Month to store their pdf files. Which storage class would you recommend?

- A. Standard
- B. Coldline ✓
- C. Multi-Regional
- ✓ D. Nearline ✗

**Explanation:**

Correct Answer: B

**B is correct:** Coldline is priced at the price between \$0.004 - \$0.014 per GB/Month

**A is incorrect:** Standard storage costs between \$0.02 - \$0.036 per GB/Month

**C is incorrect:** Multi-Regional applies in all the classes

**D is incorrect:** Nearline storage ranges between \$0.01 - \$0.02 per GB/Month

Link:

<https://cloud.google.com/storage/pricing-summary/>

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Domain :Deploying and implementing a cloud solution

Which of the following gcloud command lets you view the details of a custom subnet you created in a particular region?

- ✓ A. `gcloud compute networks subnets view [SUBNET_NAME] --region us-central1`
- B. `gcloud compute networks subnets describe [SUBNET_NAME] --region us-central1`
- C. `gcloud compute networks subnets list [SUBNET_NAME] --region us-central1`
- D. `gcloud compute networks subnets read [SUBNET_NAME] --region us-central1`

**Explanation:**

Correct Answer: B

**B is correct:** describe flag gives a detailed description of the subnet mentioned in the command.

**A, C and D are incorrect:** view and read flags are not valid gcloud flag. List is used to list the number of subnets in a private cloud.



**Link:**<https://cloud.google.com/sdk/gcloud/reference/compute/networks/subnets/describe>[Ask our Experts](#)

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[View Queries](#)[open](#) **Question 6****Incorrect**

**Domain :Deploying and implementing a cloud solution**

A medical clinic has a retention policy of 5 years. The records older than 4 months get accessed a few times in each quarter for reporting purposes. The clinic is using Cloud Storage to store all their records and is looking for a cost effective archiving solution. Which object lifecycle management option would you recommend to the clinic authorities?

- A. Condition: creationDate:20171231 action:type:SetStorageClass, storageClass: NEARLINE
- ✓ B. Condition: age:365, action:type:SetStorageClass, storageClass: COLDLINE 
- C. Condition: creationDate: 20171231 action:type:SetStorageClass, storageClass:COLDLINE
- D. Condition: age:120, action:type:SetStorageClass, storageClass: NEARLINE 

**Explanation:**

Correct Answer: D

**D is correct:** This is the correct condition to check the age of the records and store it in Nearline which is the cheapest archival storage in this case.

**A, C & B is incorrect:** These conditions or storage classes are not suitable for this scenario.

Link:

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

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Question 7

Incorrect

**Domain :Ensuring successful operation of a cloud solution**

Your project has a requirement of high GPU capacity and your manager has asked you to spin up a new ubuntu instance with NVIDIA Tesla k80 GPU in us-east1-d zone. Which of the following command would you use to do the following?

- A. `gcloud compute instances create gpu-instance-1 \`  
`--machine-type n1-standard-2 --zone us-east1-d \`  
`--accelerator type=nvidia-tesla-k80,count=1 \`  
`--image-family ubuntu-1604-lts --image-project ubuntu-os-cloud \`  
`--maintenance-policy TERMINATE --restart-on-failure` 
- ✓ B. `gcloud compute instances create gpu-instance-1 \`  
`--machine-type nvidia-tesla-k80 --zone us-east1-d count=1 \`  
`--image-family ubuntu-1604-lts --maintenance-policy TERMINATE`   
`--restart-on-failure`
- C. `gcloud compute instances create gpu-instance-1 \`  
`--machine-type=n1-standard-2 --zone us-east1-d \`  
`--accelerator-type=nvidia-tesla-k80,count=1 \`  
`--image-family ubuntu-1604-lts --image-project ubuntu-os-cloud \`  
`--maintenance-policy TERMINATE --restart-on-failure`
- D. `gcloud compute instances create gpu-instance-1 \`  
`--machine-type n1-standard-2 --zone us-east1-d \`  
`--accelerator type nvidia-tesla-k80,count 1 \`  
`--image-family ubuntu-1604-lts --image-project ubuntu-os-cloud \`  
`--maintenance-policy TERMINATE --restart-on-failure`

**Explanation:**

Correct Answer: A

**A is correct.** Syntactically it is correct.

**B, C and D are incorrect:** The syntax is incorrect. Gcloud will exit with an error.

Link:

<https://cloud.google.com/compute/docs/gpus/add-gpus>

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Question 8

Correct

Domain :Ensuring successful operation of a cloud solution

Your client wants to migrate their 30 TB of Hadoop or Spark cluster from a RHEL 6.5 on-premise servers to Google Cloud Platform. Which of the following service can be used at GCP end?

- A. Compute Engine
- B. App Engine
- ✓ C. Dataproc 
- D. Big Query

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**Explanation:**

Correct Answer: C

**C is correct:** A faster, easier, more cost-effective way to run Apache Spark and Apache Hadoop

**A is incorrect:** Can be used but would require high compute and cost.

**B is incorrect:** App Engine is not an effective way to this purpose

**D is incorrect:** Big query is a data warehouse and not suitable to run spark commands.

Link:

<https://cloud.google.com/dataproc/>


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Question 9

Correct



## Domain :Configure access and security

Your client wants you to update a viewer role in your google cloud platform project using CLI. The roles has access to App Engine list and get method and you have been asked to add the cloud storage list and get permissions. The changes were reflected after your ran the command but the user complain that they are unable to view the content of Cloud Storage buckets using CLI. What could be the most appropriate reason?

- A. The App Engine permission in the roles are overlapping the new permissions.
- ✓ B. The API for Cloud Storage is not enabled 
- C. Cloud Storage permission needs to be created and attached separately
- D. The API of App Engine needs to be disabled

**Explanation:**

Correct Answer: B

**B is correct:** It is possible that the Cloud Storage API is not enabled for the project, hence the users are not able to access it using CLI

**A is incorrect:** Permission of distinct services cannot overlap with each other

**C is incorrect:** Permission of distinct services can be attached to a same role

**D is incorrect:** Disabling API of App Engine will stop App Engine service to work.

Link:

<https://cloud.google.com/endpoints/docs/openapi/enable-api>

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Question 10

Correct

## Domain :Configure access and security

Your project team has asked to disabled a custom role editor from the project which might require deletion from your Google Cloud Platform console. The project team will inform you when to perform the deletion of the role. Suggest the correct gcloud command to perform the

deletion.

- A. `gcloud iam roles disable editor --project-id [project_id]`
- B. `gcloud iam roles update editor --project-id [project_id] --stage disable`
- ✓ C. `gcloud iam roles update editor --project [project_id] --stage disabled` ✓
- D. `gcloud iam roles disable editor --project [project_id]`

### Explanation:

Correct Answer:C

**C is correct:** The correct gcloud command is C

**A, B and D are incorrect** syntax

Link:

<https://cloud.google.com/sdk/gcloud/reference/iam/>

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