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No	Domain	Total Question	Correct	Incorrect	Unattempted	Marked as Review
1	Other	15	0	1	14	0
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Review the Answers Sorting by All

Question 1 **Unattempted**

Domain : Other

You are working as a Solutions Architect for a Startup company that is planning to migrate an on-premise application to Google Cloud. They want to transfer a large number of files to Google Cloud Storage using the gsutil command line. How can you speed up the transfer process?

    A.   **Use -m option with gsutil command** ✅

    B.   **Use -o option with gsutil command**

    C.   **Use du option with gsutil command**

    D.   **Use mb option with gsutil command**

Explanation:

Option A is correct

When you have to transfer a large number of files from on-premise to Cloud storage using gsutil command then -m is the best option as it enables parallel multithreading copying

    ttps://cloud.google.com/storage/docs/gsutil/commands/cp

Option B is incorrect because it is used when you have to copy a file which is large in size

Option C is incorrect because it is used to get object size usage

Option D is incorrect because it is used to create a bucket

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Question 2   **Unattempted**

Domain : Other

You are working as a Solutions Architect for a Startup company. They want to migrate an existing on-premise application to Google Cloud with minor modifications and refactoring. Which type of migration would you choose for this requirement?

    A.   **Improve and Move**

B.   Rip and Replace

C.   Lift and Shift   ✅

D.   Shift to SaaS

Explanation:

Option C is correct

Lift and Shift is the best approach because the company wants to migrate the existing application to google cloud with minor modifications and refactoring.

In lift and shift migration you migrate the application as it is from on-premise to Google Cloud with very fewer modifications and it is the fastest way of migrating an application to Google Cloud

https://cloud.google.com/solutions/migration-to-gcp-getting-started

Option A is incorrect because this approach is used when you need to modernize the application while migrating to Google Cloud

Option B is incorrect because it used when you have to totally redesign the application while migrating

Option D is incorrect because there is no such type of migration as per Google's Documentation

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Question 3   **Unattempted**

Domain : Other

You are working with a startup company as Solutions Architect which is planning to use Google Cloud Storage as a backup location for its on-prem application data. There is a requirement to sync a directory from an on-premise server to Google Cloud bucket.
Which gsutil command you will use to sync the data on a daily basis?

A.   Use lsync option with gsutil

B.   Use rsync option with gsutil   ✅

C.   Use -m option with gsutil

D.   Use mb option with gsutil

Explanation:

Option B is correct

rsync option is used to sync data between buckets/directories.

By using the rsync option only the changed data from the source is copied to the destination bucket

https://cloud.google.com/storage/docs/gsutil/commands/rsync

Option A is incorrect because there is no option like lsync

Option C is incorrect because it is used for parallel multithreading copying

Option D is incorrect because mb option is used to create a bucket

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Question 4   **Unattempted**

                                                                          Domain : Other

You are working with a large finance company as a Consultant which is planning to migrate petabytes of data from the on-premise data center to Google Cloud storage.
They are having 1gbps network connectivity from on-premise to Google Cloud.
Which option will you recommend to transfer data?

A.   Transfer Service Cloud

B.   Transfer Appliance   ✓

C.   gsutil command-line tool

D.   Transfer Service for On-premise

Explanation:

Option B is correct

Since they are having petabytes of data to transfer, a transfer Appliance is the best option.

Transfer appliance is an offline data transfer service in which data is transferred via the transfer appliance which comes in two sizes 100TB version and 480TB version

Option A is incorrect because it used when we have to migrate data from another cloud to GCP

Option C is incorrect because they are having petabytes of data to transfer and using gsutil command-line utility will take a long time even if the bandwidth is good

Option D is incorrect because it used when we have data in TB's

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Question 5   **Unattempted**

Domain : Other

You are working with a large finance company that is planning to use API keys in their application for accessing some Google Cloud API. According to Google's best practices, what are the correct methods for securing API keys? Please select 2 options.

    A.   **Do not place API keys directly into the application code** ✅

    B.   **Use the same API key for different applications**

    C.   **Store the API keys into the code**

    D.   **Periodically Renew API keys** ✅

Explanation:

Options A & D are correct

As per Google's API key best practices you should never place the API key directly into application code & renew API keys periodically

You should save the API keys as environment variables or in a secret management system.

    https://developers.google.com/maps/api-key-best-practices

Option B is incorrect because you should have a limited scope for each API key.

Option C is incorrect because as per Google's best practices you should never store API keys directly into code.

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Question 6   **Unattempted**

                                                              Domain : Other

You are working as a Solutions Architect for a large enterprise. They are using the GKE cluster for their production workload. In the upcoming weeks, they are expecting a huge traffic increase and thus want to enable autoscaling on the GKE cluster. What is the command to enable autoscaling on the existing GKE cluster?

A.   gcloud container clusters update cluster-name --enable-autoscaling
      --min-nodes 1 --max-nodes 10 --zone compute-zone --node-pool   ✅
      demo

B.   gcloud container clusters create cluster-name --enable-autoscaling
      --min-nodes 1 --max-nodes 10 --zone compute-zone --node-pool demo

C.   You cannot enable autoscaling on existing GKE cluster

D.   gcloud container clusters update cluster-name --no-enable-autoscaling
      --node-pool pool-name [--zone compute-zone --project project-id

Explanation:

Option A is correct

It is the right command to enable autoscaling on existing GKE cluster
gcloud container clusters update cluster-name --enable-autoscaling

--min-nodes 1 --max-nodes 10 --zone compute-zone --node-pool demo

Option B is incorrect because it is used to create a new GKE cluster with auto-scaling enabled

Option C is incorrect because you can enable autoscaling on an existing GKE cluster

Option D is incorrect because the command will disable autoscaling on a GKE cluster

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Question 7   **Unattempted**

                                                                           Domain : Other

You are using gcloud command-line utility to interact with Google Cloud resources. There is a requirement to create multiple gcloud configurations for managing resources. What is the command to create a gcloud configuration?

A.   gcloud config create exmaple_config

B.   gcloud config configurations activate exmaple_config

C.   gcloud configurations create exmaple_config

D.   gcloud config configurations create exmaple_config   ✅

Explanation:

Option D is correct

gcloud config configurations create is the right command to create a new configuration gcloud command

Options A & C are incorrect because the commands are not right

Option B is incorrect because is used to activate an existing gcloud configuration

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Question 8   **Unattempted**

Domain : Other

You are working with a large enterprise as a Solutions architect which is planning to migrate its application from AWS cloud to GCP cloud. There is a requirement to copy data from the AWS S3 bucket to Google Cloud Storage using a command-line utility. How will you fulfill this requirement?

A.   Add AWS credentials in the boto configuration file and use the gsutil command to copy data   ✓

B.   Configure the AWS credentials in gcloud configuration and use the gsutil command to copy files

C.   First, download the S3 data using the AWS command-line utility and then copy files to Google cloud storage using gsutil commands

D.   Use --s3 flag with gsutil commands to supply AWS credentials while copying files to Google cloud storage

Explanation:

Option A is correct

You can directly use the AWS S3 bucket as the source or destination while using the gsutil command-line utility. Just you have to put the AWS credentials in the credentials section of the .boto configuration file.

https://cloud.google.com/storage/docs/interoperability

Options B & D are incorrect because there are no such commands

Option C can be a possible answer but adding AWS credentials in the .boto file is the preferred and easy way.

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Question 9   **Unattempted**

Domain : Other

You are working as a Google Cloud Architect for a large enterprise. They are using the GKE cluster for their production workload. There is a requirement to expose an existing deployment to the public internet using a service type of load balancer. Which command will you use to create a service type of load balancer?

A. `kubectl expose rc demo --port=80 --target-port=80 \--name=example-service --type=LoadBalancer` ✅

B. kubectl expose deployment demo --type=LoadBalancer --expose 80

C. kubectl expose service demo --port=443 --target-port=80 --name=new-application

D. kubectl expose deployment demo --type=NodePort --name=example-service

Explanation:

Option A is correct

With the help of this command, we can create a service type of LoadBalancer and expose the port on which our application is hosted

https://kubernetes.io/docs/tasks/access-application-cluster/create-external-load-balancer/

Option B is incorrect because there is no such command

Option C is incorrect because it will create a service type of ClusterIP

Option D is incorrect because we need service type of load balancer which we can expose to public internet

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Question 10   **Unattempted**

Domain : Other

Your company is migrating the application from AWS to Google Cloud. There is a requirement

to copy the data from the AWS S3 bucket to the Google Cloud Storage bucket. Which transfer service would you use to migrate the data to Google Cloud in the easiest way?

A. Storage Transfer Appliance

B. gsutil utility

C. Storage Transfer Service ✅

D. S3cmd

Explanation:

Option C is correct

Storage Transfer Service is used to quickly transfer data from any other cloud provider to Google cloud storage bucket using Console

Option B can also be used but they have not mentioned any specific command line requirement

Option A is incorrect because it is used to transfer data from on-premise

Option D is incorrect because it used for AWS S3 service

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Question 11   **Unattempted**

                                                                      Domain : Other

You are using Cloud shell for accessing Google cloud resources and for your day to day tasks. There is a requirement to install some packages when the Cloud Shell boots. How will you fulfill this requirement?

A. Schedule a cronjob on restart

B. Add the script in /$HOME/.bashrc file

C. Add the script in /$HOME/.profile file

D. Add the script in /$HOME/.customize_environment file ✅

Explanation:

Option D is correct

To install any packages or run bash script while the cloud shell boots up you must write the script in /$HOME/.customize_environment file. This will install the required things and you view the execution logs in /var/log/customize_environment

> https://cloud.google.com/shell/docs/configuring-cloud-
> shell#environment_customization

All other options are invalid with respect to cloud shell

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Question 12   **Unattempted**

                                                                   Domain : Other

You are working as a Solutions Architect for a startup company that has recently started using Google cloud for their development environment. The developers want to know if they can persist data on Cloud shell, so they can use Cloud shell for their day to day tasks. What will you suggest to them?

    A.   **Cloud shell can persist up to 10GB data**

    B.   **Cloud Shell can persist up to 5GB data** ✅

    C.   **Cloud shell data is ephemeral**

    D.   **You can attach an additional persistent disk to the Cloud shell**

Explanation:

Option B is correct

Cloud shell comes with 5GB of persistent disk space which is mounted to your $HOME directory where you can keep your data.

This persistent disk persists between your sessions.

Option A is incorrect because Cloud shell comes with 5GB of persistent disk

Option C is incorrect because you can persist data on the Cloud shell

Option D is incorrect because you cannot attach an additional persistent disk to the cloud shell session

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Question 13   **Unattempted**

Domain : Other

You are working as a Solutions Architect for a large media company that is planning to migrate its on-premise data warehouse to Google Cloud BigQuery. As a part of the migration, you want to write some migration scripts to interact with BigQuery. Which Command Line utility will you use?

    A.   gsutil

    B.   bq ✅

    C.   gcloud

    D.   kubectl

Explanation:

Option B is correct

Bq is a command-line tool for BigQuery which can be used to perform any operations on BigQuery

Option A is incorrect because it is used to interact with Google Cloud storage

Option C is incorrect because Bigquery is having its own command-line utility

Option D is incorrect because kubectl is used to manage Kubernetes

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Question 14   **Unattempted**

Domain : Other

You are working as a Consultant for a large IoT company which is planning to use Bigtable for their Production workload. The QA is deploying a tool for testing the scalability of the application which depends on Bigtable. What will you suggest to the QA team while testing scalability and performance against Bigtable? Select any three.

A.   Ensure the load test are performed with enough data ✅

B.   Ensure heavy pre-test are performed for several minutes ✅

C.   There is no need to perform any testing against Bigtable as it a fully managed service

D.   Ensure tests are running for at least 10 mins ✅

E.   Ensure that all third-party services used by the application are tested

---

Explanation:

Correct options are A, B & D

As per the Google Best practices for testing the performance of Bigtable, you should include these test scenarios in your performance and scalability testing

Ensure the load tests are performed with enough data - For example, If your production Bigtable consists of 150GB data, you should test the performance with the same amount of data.

Ensure heavy pre-test are performed for several minutes - By performing pre-test for several minutes this gives Cloud Bigtable time to balance data across several nodes based on the access pattern

Ensure tests are running for at least 10 mins - This ensures that the test read operations are performed from disk as well as cached memory

https://cloud.google.com/bigtable/docs/performance#testing

Option C is incorrect because as per best practices you should include Bigtable while performance testing

Option E is incorrect because the question is asking suggestions related to Bigtable

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Question 15   **Incorrect**

Domain : Other

There is a requirement to make some files from the Google Cloud Storage bucket publicly available to the customers. Which of the below commands you will use to make some objects publicly available?

   A.   **gsutil acl ch -u allUsers:R gs://new-project-bucket/example.png**   ✓

   B.   **gsutil signurl -d 10m keyfile.json gs://new-project-bucket/example.png**

   C.   **gsutil acl ch -g my-domain.org:R gs://gcs.my-domain.org**

 ✓ D.   **gsutil requesterpays get gs://new-project-bucket**   ✗

Explanation:

Option A is correct

This is the right command to make specific files publicly available from Google Cloud storage bucket

   https://cloud.google.com/storage/docs/gsutil/commands/acl

Option B is incorrect because this command is used to generate a Signed URL which is mostly used to share private content securely for a limited period of time

Option C is incorrect and is used when you have to share the objects with a particular G-suite domain

Option D is incorrect because this enables the requester pay feature on the bucket

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