

**Question 1**

tb.564416.a1.008

Lesson Reference: Assessment Test

Difficulty: easy

Adding virtual machines to an instance group can be triggered in an autoscaling policy by all of the following, except which one?

- ☐ A. CPU utilization
- ☐ B. Stackdriver metrics
- ☒ C. IAM policy violation
- ☐ D. Load balancing serving capacity

**Rationale****✗ A. CPU utilization**

IAM policy violations do not trigger changes in the size of clusters. All other options can be used to trigger a change in cluster size.

**Rationale****✗ B. Stackdriver metrics**

IAM policy violations do not trigger changes in the size of clusters. All other options can be used to trigger a change in cluster size.

**Rationale****✓ C. IAM policy violation**

IAM policy violations do not trigger changes in the size of clusters. All other options can be used to trigger a change in cluster size.

**Rationale****✗ D. Load balancing serving capacity**

IAM policy violations do not trigger changes in the size of clusters. All other options can be used to trigger a change in cluster size.

**Question 2**

tb.564416.a1.015

Lesson Reference: Assessment Test

Difficulty: medium

During an incident that has caused an application to fail, you suspect some resource may not have appropriate roles granted. The command to list roles granted to a resource is:

- ☐ A. `gutil iam list-grantable-roles`
- ☒ B. `gcloud iam list-grantable-roles`
- ☐ C. `gcloud list-grantable-roles`
- ☐ D. `gcloud resources grantable-roles`

**Rationale**

❌ A. `gutil iam list-grantable-roles`

`gcloud` is the command-line tool for working with IAM, and `list-grantable-roles` is the correct command.

**Rationale**

✅ B. `gcloud iam list-grantable-roles`

`gcloud` is the command-line tool for working with IAM, and `list-grantable-roles` is the correct command.

**Rationale**

❌ C. `gcloud list-grantable-roles`

`gcloud` is the command-line tool for working with IAM, and `list-grantable-roles` is the correct command.

**Rationale**

❌ D. `gcloud resources grantable-roles`

`gcloud` is the command-line tool for working with IAM, and `list-grantable-roles` is the correct command.

**Question 3**

tb.564416.a1.014

Lesson Reference: Assessment Test

Difficulty: easy

You have been tasked with designing an organizational hierarchy for managing departments and their cloud resources. What organizing components are available in GCP?

- ☒ A. Organization, folders, projects
- ☐ B. Buckets, directories, subdirectories
- ☐ C. Organizations, buckets, projects
- ☐ D. Folders, buckets, projects

**Rationale****✓ A. Organization, folders, projects**

Organization, folders, and projects are the components used to manage an organizational hierarchy. Buckets, directories, and subdirectories are used to organize storage.

**Rationale****✗ B. Buckets, directories, subdirectories**

Organization, folders, and projects are the components used to manage an organizational hierarchy. Buckets, directories, and subdirectories are used to organize storage.

**Rationale****✗ C. Organizations, buckets, projects**

Organization, folders, and projects are the components used to manage an organizational hierarchy. Buckets, directories, and subdirectories are used to organize storage.

**Rationale****✗ D. Folders, buckets, projects**

Organization, folders, and projects are the components used to manage an organizational hierarchy. Buckets, directories, and subdirectories are used to organize storage.

**Question 4**

tb.564416.a1.021

Lesson Reference: Assessment Test

Difficulty: medium

Your company has just started using Google Cloud Platform, and executives want to have a dedicated connection from your data center to the GCP to allow for large data transfers. Which networking service would you recommend?

- ☐ A. Google Cloud Carrier Internet Peering
- ☒ B. Google Cloud Interconnect – Dedicated
- ☐ C. Google Cloud Internet Peering
- ☐ D. Google Cloud DNS

**Rationale****✘ A. Google Cloud Carrier Internet Peering**

Google Cloud Interconnect – Dedicated is the only option for a dedicated connection between a customer's data center and a Google data center.

**Rationale****✔ B. Google Cloud Interconnect – Dedicated**

Google Cloud Interconnect – Dedicated is the only option for a dedicated connection between a customer's data center and a Google data center.

**Rationale****✘ C. Google Cloud Internet Peering**

Google Cloud Interconnect – Dedicated is the only option for a dedicated connection between a customer's data center and a Google data center.

**Rationale****✘ D. Google Cloud DNS**

Google Cloud Interconnect – Dedicated is the only option for a dedicated connection between a customer's data center and a Google data center.

**Question 5**

tb.564416.a1.025

Lesson Reference: Assessment Test

Difficulty: easy

Code for cloud functions can be written in:

- ☒ A. Node.js and Python
- ☐ B. Node.js, Python, and Go
- ☐ C. Python and Go
- ☐ D. Python and C

**Rationale****✓ A. Node.js and Python**

Node.js 6, Node.js 8, and Python are the languages supported by Cloud Functions.

**Rationale****✗ B. Node.js, Python, and Go**

Node.js 6, Node.js 8, and Python are the languages supported by Cloud Functions.

**Rationale****✗ C. Python and Go**

Node.js 6, Node.js 8, and Python are the languages supported by Cloud Functions.

**Rationale****✗ D. Python and C**

Node.js 6, Node.js 8, and Python are the languages supported by Cloud Functions.

**Question 6**

tb.564416.a1.017

Lesson Reference: Assessment Test

Difficulty: hard

To create a custom role, a user must possess which role?

- ☐ A. iam.create
- ☐ B. compute.roles.create
- ☒ C. iam.roles.create
- ☐ D. Compute.roles.add

**Rationale**

✗ A. iam.create

iam.roles.create is correct; the other roles do not exist.

**Rationale**

✗ B. compute.roles.create

iam.roles.create is correct; the other roles do not exist.

**Rationale**

✓ C. iam.roles.create

iam.roles.create is correct; the other roles do not exist.

**Rationale**

✗ D. Compute.roles.add

iam.roles.create is correct; the other roles do not exist.



**Question 7**

tb.564416.a1.016

Lesson Reference: Assessment Test

Difficulty: medium

The availability of CPU platforms can vary between zones. To get a list of all CPU types available in a particular zone, you should use:

- ☒ A. `gcloud compute zones describe`
- ☐ B. `gcloud iam zones describe`
- ☐ C. `gutil zones describe`
- ☐ D. `gcloud compute regions list`

**Rationale**

- ☒ A. `gcloud compute zones describe`

`gcloud` is the command-line tool for manipulating compute resources, and `zones describe` is the correct command.

**Rationale**

- ☐ B. `gcloud iam zones describe`

`gcloud` is the command-line tool for manipulating compute resources, and `zones describe` is the correct command.

**Rationale**

- ☐ C. `gutil zones describe`

`gcloud` is the command-line tool for manipulating compute resources, and `zones describe` is the correct command.

**Rationale**

- ☐ D. `gcloud compute regions list`

`gcloud` is the command-line tool for manipulating compute resources, and `zones describe` is the correct command.

**Question 8**

tb.564416.a1.012

Lesson Reference: Assessment Test

Difficulty: medium

You have been hired as a consultant to a startup in the Internet of Things (IoT) space. The startup will stream large volumes of data into Google Cloud Platform. The data needs to be filtered, transformed, and analyzed before being stored in GCP data store. A good option for the stream processing component is:

- ☐ A. DataProc
- ☒ B. Cloud DataFlow
- ☐ C. Cloud Endpoints
- ☐ D. Cloud Interconnect

**Rationale****✗ A. DataProc**

Cloud DataFlow allows for stream and batch processing of data and is well suited for this kind of ETL work. DataProc is a managed Hadoop and Spark service that is used for big data analytics. Cloud Endpoints is an API service, and Cloud Interconnect is a network service.

**Rationale****✓ B. Cloud DataFlow**

Cloud DataFlow allows for stream and batch processing of data and is well suited for this kind of ETL work. DataProc is a managed Hadoop and Spark service that is used for big data analytics. Cloud Endpoints is an API service, and Cloud Interconnect is a network service.

**Rationale****✗ C. Cloud Endpoints**

Cloud DataFlow allows for stream and batch processing of data and is well suited for this kind of ETL work. DataProc is a managed Hadoop and Spark service that is used for big data analytics. Cloud Endpoints is an API service, and Cloud Interconnect is a network service.

**Rationale**

**✖ D. Cloud Interconnect**

Cloud DataFlow allows for stream and batch processing of data and is well suited for this kind of ETL work. DataProc is a managed Hadoop and Spark service that is used for big data analytics. Cloud Endpoints is an API service, and Cloud Interconnect is a network service.

**Question 9**

tb.564416.a1.010

Lesson Reference: Assessment Test

Difficulty: easy

The marketing department in your company wants to deploy a web application but does not want to have to manage servers or clusters. A good option for them is:

- ☐ A. Compute Engine
- ☒ B. Kubernetes Engine
- ☒ C. App Engine
- ☐ D. Cloud Functions

**Rationale****✗ A. Compute Engine**

App Engine is a platform as a service that allows developers to deploy full applications without having to manage servers or clusters. Compute Engine and Kubernetes Engine require management of servers. Cloud Functions is suitable for short running Node.js or Python functions but not full applications.

**Rationale****✗ B. Kubernetes Engine**

App Engine is a platform as a service that allows developers to deploy full applications without having to manage servers or clusters. Compute Engine and Kubernetes Engine require management of servers. Cloud Functions is suitable for short running Node.js or Python functions but not full applications.

**Rationale****✓ C. App Engine**

App Engine is a platform as a service that allows developers to deploy full applications without having to manage servers or clusters. Compute Engine and Kubernetes Engine require management of servers. Cloud Functions is suitable for short running Node.js or Python functions but not full applications.

**Rationale****✗ D. Cloud Functions**

App Engine is a platform as a service that allows developers to deploy full applications without having to manage servers or clusters. Compute Engine and Kubernetes Engine require management of servers. Cloud Functions is suitable for short running Node.js or Python functions but not full applications.

**Question 10**

tb.564416.a1.018

Lesson Reference: Assessment Test

Difficulty: hard

You have been asked to create a network with 1,000 IP addresses. In the interest of minimizing unused IP addresses, which CIDR suffix would you use to create a network with at least 1,000 address but no more than necessary?

- ☐ A. /20
- ☒ B. /22
- ☐ C. /28
- ☐ D. /32

**Rationale**

✗ A. /20

The /22 suffix produces 1,022 usable IP addresses.

**Rationale**

✓ B. /22

The /22 suffix produces 1,022 usable IP addresses.

**Rationale**

✗ C. /28

The /22 suffix produces 1,022 usable IP addresses.

**Rationale**

✗ D. /32

The /22 suffix produces 1,022 usable IP addresses.

**Question 11**

tb.564416.a1.024

Lesson Reference: Assessment Test

Difficulty: easy

The GCP service for storing and managing Docker containers is:

- ☐ A. Cloud Source Repositories
- ☐ B. Cloud Build
- ☒ C. Container Registry
- ☐ D. Docker Repository

**Rationale****✗ A. Cloud Source Repositories**

The GCP service for storing and managing Docker containers is Container Registry. Cloud Build is for creating images. The others are not GCP services.

**Rationale****✗ B. Cloud Build**

The GCP service for storing and managing Docker containers is Container Registry. Cloud Build is for creating images. The others are not GCP services.

**Rationale****✓ C. Container Registry**

The GCP service for storing and managing Docker containers is Container Registry. Cloud Build is for creating images. The others are not GCP services.

**Rationale****✗ D. Docker Repository**

The GCP service for storing and managing Docker containers is Container Registry. Cloud Build is for creating images. The others are not GCP services.



**Question 12**

tb.564416.a1.019

Lesson Reference: Assessment Test

Difficulty: easy

A team of data scientists have asked for your help setting up an Apache Spark cluster. You suggest they use a managed GCP service instead of managing a cluster themselves on Compute Engine. The service they would use is:

- ☒ A. Cloud DataProc
- ☐ B. Cloud DataFlow
- ☐ C. Cloud Hadoop
- ☐ D. BigQuery

**Rationale****✓ A. Cloud DataProc**

Cloud DataProc is the managed Spark service. Cloud DataFlow is for stream and batch processing of data, BigQuery is for analytics, and Cloud Hadoop is not a GCP service.

**Rationale****✗ B. Cloud DataFlow**

Cloud DataProc is the managed Spark service. Cloud DataFlow is for stream and batch processing of data, BigQuery is for analytics, and Cloud Hadoop is not a GCP service.

**Rationale****✗ C. Cloud Hadoop**

Cloud DataProc is the managed Spark service. Cloud DataFlow is for stream and batch processing of data, BigQuery is for analytics, and Cloud Hadoop is not a GCP service.

**Rationale****✗ D. BigQuery**

Cloud DataProc is the managed Spark service. Cloud DataFlow is for stream and batch processing of data, BigQuery is for analytics, and Cloud Hadoop is not a GCP service.

**Question 13**

tb.564416.a1.007

Lesson Reference: Assessment Test

Difficulty: easy

All of the following are components of firewall rules except which one?

- ☐ A. Direction of traffic
- ☐ B. Action on match
- ☒ C. Time to live (TTL)
- ☐ D. Protocol

**Rationale****✗ A. Direction of traffic**

Firewall rules do not have time-to-live parameters. Direction of traffic, action on match, and protocol are all components of firewall rules.

**Rationale****✗ B. Action on match**

Firewall rules do not have time-to-live parameters. Direction of traffic, action on match, and protocol are all components of firewall rules.

**Rationale****✓ C. Time to live (TTL)**

Firewall rules do not have time-to-live parameters. Direction of traffic, action on match, and protocol are all components of firewall rules.

**Rationale****✗ D. Protocol**

Firewall rules do not have time-to-live parameters. Direction of traffic, action on match, and protocol are all components of firewall rules.

**Question 14**

tb.564416.a1.011

Lesson Reference: Assessment Test

Difficulty: easy

Your company is building an enterprise data warehouse and wants SQL query capabilities over petabytes of data but do not want to manage servers or clusters. A good option for them is:

- ☐ A. Cloud Storage
- ☒ B. BigQuery
- ☐ C. Bigtable
- ☐ D. Datastore

**Rationale****✗ A. Cloud Storage**

BigQuery is designed for petabyte-scale analytics and provides a SQL interface.

**Rationale****✓ B. BigQuery**

BigQuery is designed for petabyte-scale analytics and provides a SQL interface.

**Rationale****✗ C. Bigtable**

BigQuery is designed for petabyte-scale analytics and provides a SQL interface.

**Rationale****✗ D. Datastore**

BigQuery is designed for petabyte-scale analytics and provides a SQL interface.

**Question 15**

tb.564416.a1.005

Lesson Reference: Assessment Test

Difficulty: medium

Virtual private clouds (VPCs) are \_\_\_\_\_ resources.

- ☐ A. Regional
- ☐ B. Zonal
- ☒ C. Global
- ☐ D. Subnets

**Rationale****✗ A. Regional**

Google operates a global network, and virtual private clouds (VPCs) are resources that can span that global network.

**Rationale****✗ B. Zonal**

Google operates a global network, and virtual private clouds (VPCs) are resources that can span that global network.

**Rationale****✓ C. Global**

Google operates a global network, and virtual private clouds (VPCs) are resources that can span that global network.

**Rationale****✗ D. Subnets**

Google operates a global network, and virtual private clouds (VPCs) are resources that can span that global network.

**Question 16**

tb.564416.a1.013

Lesson Reference: Assessment Test

Difficulty: easy

Preemptible virtual machines may be shut down at any time but will always be shut down after running:

- ☐ A. 6 hours
- ☐ B. 12 hours
- ☒ C. 24 hours
- ☐ D. 48 hours

**Rationale****✗ A. 6 hours**

If a preemptible machine has not been shut down within 24 hours, Google will stop the instance.

**Rationale****✗ B. 12 hours**

If a preemptible machine has not been shut down within 24 hours, Google will stop the instance.

**Rationale****✓ C. 24 hours**

If a preemptible machine has not been shut down within 24 hours, Google will stop the instance.

**Rationale****✗ D. 48 hours**

If a preemptible machine has not been shut down within 24 hours, Google will stop the instance.

**Question 17**

tb.564416.a1.004

Lesson Reference: Assessment Test

Difficulty: medium

An education client maintains a site where users can upload videos, and your client needs to assure redundancy for the files; therefore, you have created two buckets for Cloud Storage. Which command do you use to synchronize the contents of the two buckets?

- ☒ A. `gsutil rsync`
- ☐ B. `gcloud cp sync`
- ☐ C. `gcloud rsync`
- ☐ D. `gsutil cp sync`

**Rationale**

✓ A. `gsutil rsync`

`gsutil` is the command-line tool for working with Cloud Storage. `rsync` is the specific command in `gsutil` for synchronizing buckets.

**Rationale**

✗ B. `gcloud cp sync`

`gsutil` is the command-line tool for working with Cloud Storage. `rsync` is the specific command in `gsutil` for synchronizing buckets.

**Rationale**

✗ C. `gcloud rsync`

`gsutil` is the command-line tool for working with Cloud Storage. `rsync` is the specific command in `gsutil` for synchronizing buckets.

**Rationale**

✗ D. `gsutil cp sync`

`gsutil` is the command-line tool for working with Cloud Storage. `rsync` is the specific command in `gsutil` for synchronizing buckets.

**Question 18**

tb.564416.a1.006

Lesson Reference: Assessment Test

Difficulty: medium

A remote component in your network has failed, which results in a transient network error. When you submit a `gsutil` command, it fails because of a transient error. By default, the command will:

- ☐ A. Terminate and log a message to Stackdriver
- ☒ B. Retry using a truncated binary exponential back-off strategy
- ☐ C. Prompt the user to decide to retry or quit
- ☐ D. Terminate and log a message to the Cloud Shell

**Rationale****✗ A. Terminate and log a message to Stackdriver**

gcloud by default will retry a failed network operation and will wait a long time period before each retry. The time to wait is calculated using a truncated binary exponential back-off strategy.

**Rationale****✓ B. Retry using a truncated binary exponential back-off strategy**

gcloud by default will retry a failed network operation and will wait a long time period before each retry. The time to wait is calculated using a truncated binary exponential back-off strategy.

**Rationale****✗ C. Prompt the user to decide to retry or quit**

gcloud by default will retry a failed network operation and will wait a long time period before each retry. The time to wait is calculated using a truncated binary exponential back-off strategy.

**Rationale****✗ D. Terminate and log a message to the Cloud Shell**



gcloud by default will retry a failed network operation and will wait a long time period before each retry. The time to wait is calculated using a truncated binary exponential back-off strategy.

**Question 19**

tb.564416.a1.003

Lesson Reference: Assessment Test

Difficulty: easy

Your company has an object management policy that requires objects stored in Cloud Storage to be migrated from regional storage to nearline storage 90 days after the object is created. The most efficient way to do this is to:

- ☐ A. Create a cloud function to copy objects from regional storage to nearline storage
- ☐ B. Set the `MigrateObjectAfter` property on the stored object to 90 days
- ☐ C. Copy the object to persistent storage attached to a virtual machine and then copy the object to a bucket created on nearline storage
- ☒ D. Create a lifecycle management configuration policy specifying an age of 90 days and `SetStorageClass` as nearline.

**Rationale****✗ A. Create a cloud function to copy objects from regional storage to nearline storage**

The lifecycle configuration policy allows administrators to specify criteria for migrating data to other storage system without having to concern themselves with running jobs to actually execute the necessary steps. The other options are inefficient or do not exist.

**Rationale****✗ B. Set the `MigrateObjectAfter` property on the stored object to 90 days**

The lifecycle configuration policy allows administrators to specify criteria for migrating data to other storage system without having to concern themselves with running jobs to actually execute the necessary steps. The other options are inefficient or do not exist.

**Rationale****✗ C. Copy the object to persistent storage attached to a virtual machine and then copy the object to a bucket created on nearline storage**

The lifecycle configuration policy allows administrators to specify criteria for migrating data to other storage system without having to concern themselves with running jobs to actually execute the necessary steps. The other options are inefficient or do not exist.

**Rationale**

✓ **D. Create a lifecycle management configuration policy specifying an age of 90 days and SetStorageClass as nearline.**

The lifecycle configuration policy allows administrators to specify criteria for migrating data to other storage system without having to concern themselves with running jobs to actually execute the necessary steps. The other options are inefficient or do not exist.

**Question 20**

tb.564416.a1.009

Lesson Reference: Assessment Test

Difficulty: easy

Your company's finance department is developing a new account management application that requires transactions and the ability to perform relational database operations using fully compliant SQL. Data store options in GCP include:

- ☒ A. Spanner and Cloud SQL
- ☐ B. Datastore and Bigtable
- ☐ C. Spanner and Cloud Storage
- ☐ D. Datastore and Cloud SQL

**Rationale****✓ A. Spanner and Cloud SQL**

Only Spanner and Cloud SQL databases support transactions and have a SQL interface. Datastore has transactions but does not support fully compliant SQL; it has a SQL-like query language. Cloud Storage does not support transactions or SQL.

**Rationale****✗ B. Datastore and Bigtable**

Only Spanner and Cloud SQL databases support transactions and have a SQL interface. Datastore has transactions but does not support fully compliant SQL; it has a SQL-like query language. Cloud Storage does not support transactions or SQL.

**Rationale****✗ C. Spanner and Cloud Storage**

Only Spanner and Cloud SQL databases support transactions and have a SQL interface. Datastore has transactions but does not support fully compliant SQL; it has a SQL-like query language. Cloud Storage does not support transactions or SQL.

**Rationale****✗ D. Datastore and Cloud SQL**

Only Spanner and Cloud SQL databases support transactions and have a SQL interface. Datastore has transactions but does not support fully compliant SQL; it has a SQL-like query language. Cloud Storage does not support transactions or SQL.

**Question 21**

tb.564416.a1.020

Lesson Reference: Assessment Test

Difficulty: easy

You have created a web application that allows users to upload files to Cloud Storage. When files are uploaded, you want to check the file size and update the user's total storage used in their account. A serverless option for performing this action on load is:

- ☐ A. Cloud DataFlow
- ☐ B. Cloud DataProc
- ☐ C. Cloud Storage
- ☒ D. Cloud Functions

**Rationale****✗ A. Cloud DataFlow**

Cloud Functions responds to events in Cloud Storage, making them a good choice for taking an action after a file is loaded.

**Rationale****✗ B. Cloud DataProc**

Cloud Functions responds to events in Cloud Storage, making them a good choice for taking an action after a file is loaded.

**Rationale****✗ C. Cloud Storage**

Cloud Functions responds to events in Cloud Storage, making them a good choice for taking an action after a file is loaded.

**Rationale****✓ D. Cloud Functions**

Cloud Functions responds to events in Cloud Storage, making them a good choice for taking an action after a file is loaded.

**Question 22**

tb.564416.a1.022

Lesson Reference: Assessment Test

Difficulty: medium

You want to have Google Cloud Platform manage cryptographic keys, so you've decided to use Cloud Key Management Services. Before you can start creating cryptographic, you must:

- ☒ A. Enable Google Cloud Key Management Service (KMS) API and set up billing
- ☐ B. Enable Google Cloud Key Management Service (KMS) API and create folders
- ☐ C. Create folders and set up billing
- ☐ D. Give the all users grantable roles to create keys

**Rationale****✓ A. Enable Google Cloud Key Management Service (KMS) API and set up billing**

Enabling the Google Cloud Key Management Service (KMS) API and setting up billing are steps are common to using GCP services.

**Rationale****✗ B. Enable Google Cloud Key Management Service (KMS) API and create folders**

Enabling the Google Cloud Key Management Service (KMS) API and setting up billing are steps are common to using GCP services.

**Rationale****✗ C. Create folders and set up billing**

Enabling the Google Cloud Key Management Service (KMS) API and setting up billing are steps are common to using GCP services.

**Rationale****✗ D. Give the all users grantable roles to create keys**

Enabling the Google Cloud Key Management Service (KMS) API and setting up billing are steps are common to using GCP services.

**Question 23**

tb.564416.a1.023

Lesson Reference: Assessment Test

Difficulty: medium

In Kubernetes Engine, a node pool is:

- ☐ A. A subset of nodes across clusters
- ☒ B. A set of virtual machines managed outside of Kubernetes Engine
- ☐ C. A set of preemptible virtual machines
- ☒ D. A subset of node instances within a cluster that all have the same configuration

**Rationale****✗ A. A subset of nodes across clusters**

A node pool is a subset of node instances within a cluster that all have the same configuration.

**Rationale****✗ B. A set of virtual machines managed outside of Kubernetes Engine**

A node pool is a subset of node instances within a cluster that all have the same configuration.

**Rationale****✗ C. A set of preemptible virtual machines**

A node pool is a subset of node instances within a cluster that all have the same configuration.

**Rationale****✓ D. A subset of node instances within a cluster that all have the same configuration**

A node pool is a subset of node instances within a cluster that all have the same configuration.



**Question 24**

tb.564416.a1.001

Lesson Reference: Assessment Test

Difficulty: medium

Instance templates are used to create a group of identical virtual machines. The instance templates include:

- ☒ A. Machine type, boot disk image or container image, zone, and labels
- ☐ B. Cloud Storage bucket definitions
- ☐ C. A load balancer description
- ☐ D. App Engine configuration file

**Rationale****✓ A. Machine type, boot disk image or container image, zone, and labels**

Machine type, boot disk image or container image, zone, and labels are all configuration parameters or attributes of a virtual machine and therefore would be included in an instance group configuration that creates those virtual machines.

**Rationale****✗ B. Cloud Storage bucket definitions**

Machine type, boot disk image or container image, zone, and labels are all configuration parameters or attributes of a virtual machine and therefore would be included in an instance group configuration that creates those virtual machines.

**Rationale****✗ C. A load balancer description**

Machine type, boot disk image or container image, zone, and labels are all configuration parameters or attributes of a virtual machine and therefore would be included in an instance group configuration that creates those virtual machines.

**Rationale****✗ D. App Engine configuration file**

Machine type, boot disk image or container image, zone, and labels are all configuration parameters or attributes of a virtual machine and therefore would be included in an instance group configuration that creates those virtual machines.

**Question 25**

tb.564416.a1.002

Lesson Reference: Assessment Test

Difficulty: easy

The command-line command to create a Cloud Storage bucket is:


- ☐ A. `gcloud mb`
- ☒ B. `gsutil mb`
- ☐ C. `gcloud mkbucket`
- ☐ D. `gsutil mkbucket`

**Rationale** **A. `gcloud mb`**


`gsutil` is the command line for accessing and manipulating Cloud Storage from the command line. `mb` is the specific command for creating, or making, a bucket.

**Rationale** **B. `gsutil mb`**

`gsutil` is the command line for accessing and manipulating Cloud Storage from the command line. `mb` is the specific command for creating, or making, a bucket.

**Rationale** **C. `gcloud mkbucket`**

`gsutil` is the command line for accessing and manipulating Cloud Storage from the command line. `mb` is the specific command for creating, or making, a bucket.

**Rationale** **D. `gsutil mkbucket`**

gsutil is the command line for accessing and manipulating Cloud Storage from the command line. mb is the specific command for creating, or making, a bucket.