Attempt 1

All questions

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Question 1: **Correct**

**App Engine services are specified(designed) to be \_\_\_\_\_\_\_\_\_?**

* 

Global

* 

Regional

**(Correct)**

* 

Zonal

* 

Multi-regional

**Explanation**

App Engine is regional, which means the infrastructure that runs your apps is located in a specific region and is managed by Google to be redundantly available across all the zones within that region.

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Question 2: **Correct**

**You are currently looking at your GCP platform with gcloud and would like to list all the instances in GCP Compute Engine. What command would you use? Select One**

* 

gcloud compute instances list

**(Correct)**

* 

gcloud compute list instances

* 

gcloud list compute instances

* 

gcloud compute instances grep

* 

gcloud grep compute instances

**Explanation**

gcloud compute instances list https://cloud.google.com/sdk/gcloud/reference/compute/instances/list

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Question 3: **Incorrect**

**\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_is a unified programming model and also a managed service for developing and executing a wide range of data processing patterns including ETL, batch computation, and continuous computation.  What is the service?**

* 

Cloud Datalab

* 

Cloud Dataflow

**(Correct)**

* 

Cloud Dataproc

**(Incorrect)**

* 

Cloud Spanner

* 

Cloud SQL

**Explanation**

Cloud Dataflow is a unified programming model and a managed service for developing and executing a wide range of data processing patterns including ETL, batch computation, and continuous computation. https://cloud.google.com/sdk/gcloud/reference/dataflow/

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Question 4: **Correct**

**What command would you select in gcloud to list jobs in dataflow that are in Europe West1? Select One**

* 

gcloud dataflow jobs list --region="europe-west1

**(Correct)**

* 

gcloud dataflow jobs list - region="europe-west1

* 

gcloud dataflow list jobs - - region="europe-west1"

* 

gcloud dataflow list job - region="europe-west1

**Explanation**

Know the main gcloud commands. This exam slams you on command syntax......gcloud dataflow jobs list --region="europe-west1 https://cloud.google.com/sdk/gcloud/reference/dataflow/jobs/list

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Question 5: **Correct**

**Your currently reviewing your project in GCP using gcloud.  You would like to confirm what the DNS related info is for a project. What is the command to do this? Select One**

* 

gcloud dns project-info describe

**(Correct)**

* 

gcloud dns project-info list

* 

gcloud dns project-info show

* 

gcloud dns project-info grep

**Explanation**

gcloud dns project-info describe https://cloud.google.com/sdk/gcloud/reference/dns/project-info/

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Question 6: **Correct**

**You are currently in the GCP Platform Console. You would like to enable the Stackdriver Monitoring API  What is the process to get this accomplished? Select One**

* 

Project > APIS and Services > Library > Enable Stackdriver Monitoring API

**(Correct)**

* 

Project > Region >  APIS and Services > Library > Enable Stackdriver Monitoring API

* 

Project > APIS and Services > Zone > Enable Stackdriver Monitoring API

* 

To Enable Stackdriver Monitoring you must login to Stackdriver to do this

**Explanation**

Project > APIS and Services > Library > Enable Stackdriver Monitoring API​ https://support.google.com/cloud/answer/6158841?hl=en

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Question 7: **Correct**

**Google recommends deploying applications across multiple \_\_\_\_\_\_\_\_\_\_\_\_\_\_and multiple\_\_\_\_\_\_\_\_\_\_.**

* 

Zones, Regions

**(Correct)**

* 

Availability Zones, Regions

* 

Regions, Zones

* 

Regions, Availability Zones

**Explanation**

Zones, Regions​ Why. remember zones are locally replicated and then you also want some regional protection. https://cloud.google.com/compute/docs/regions-zones/

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Question 8: **Incorrect**

**You are evaluating new GCP services and would would like to use tools to help you evaluate the costs of using GCP. What are two tools available from GCP to help analyze costs.  Select Two**

* 

Pricing Calculator

**(Correct)**

* 

ROI Calculator

**(Incorrect)**

* 

TCO Tool

**(Correct)**

* 

Cost Optimization Tool

**Explanation**

For this exam.. Expect four questions on pricing Bigtable and Storage. You can also take advantage of some tools to help you evaluate the costs of using GCP. The pricing calculator provides a quick and easy way to estimate what your GCP usage will look like. You can provide details about the services you want to use, such as the number of Compute Engine instances, persistent disks and their sizes, and so on, and then see a pricing estimate. The total cost of ownership (TCO) tool evaluates the relative costs for running your compute load in the cloud, and provides a financial estimate. The tool provides several inputs for cost modeling, which you can adjust, and then compares estimated costs on GCP and AWS. This tool does not model all components of a typical application, such as storage and networking.

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Question 9: **Incorrect**

**Your getting ready to deploy a web service on the GCP Compute engine service.  You will need to assign an IP address.  There are a few types of IP addresses to consider, depending on your needs.  What are the two types of IP when it comes to VMs.**

* 

In-Use

**(Correct)**

* 

Static

**(Correct)**

* 

Dynamic

**(Incorrect)**

* 

CRC

**Explanation**

https://cloud.google.com/compute/quotas IP addresses You will need to have enough IP addresses for every VM that needs to be reachable from the public Internet. Regional IP quota is for assigning IPv4 addresses to VMs in that region, if desired, and Global IP quota is for assigning IPv4 addresses to global networking resources such as firewalls, HTTP proxies and load balancers. There are a few types of IP addresses to consider, depending on your needs. In-use IP address: Includes both ephemeral and static IP addresses that are currently being used by a resource. In-use IP addresses do not incur charges but static unused IP address do incur charges. Static IP addresses: External IP addresses reserved for your resources that persists through machine restarts. You can register these addresses with DNS and domain provider services to provide a user-friendly address.

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Question 10: **Incorrect**

**To interact with Cloud Platform resources, you must provide the identifying project information for every request. A project can be identified in which of the following ways?**

* 

Project ID

**(Correct)**

* 

Project Number

**(Correct)**

* 

Project Name

**(Incorrect)**

* 

Project Resource ID

**Explanation**

https://cloud.google.com/resource-manager/docs/creating-managing-projects

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Question 11: **Correct**

**You can use \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ to build container images (such as Docker) from a variety of source code repositories, and\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ to store and serve your container images. Select Two**

* 

Google Container Builder

**(Correct)**

* 

Google Container Registry

**(Correct)**

* 

Google Container Engine

* 

Google App Engine

* 

Google Container Service

**Explanation**

You can use Google Container Builder to build container images (such as Docker) from a variety of source code repositories, and Google Container Registry to store and serve your container images. https://cloud.google.com/kubernetes-engine/docs/concepts/kubernetes-engine-overview

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Question 12: **Correct**

**By default you can create up to \_\_\_\_\_\_\_ networks per project. Select One**

* 

5

**(Correct)**

* 

100

* 

10

* 

50

**Explanation**

You can create up to five networks per project https://cloud.google.com/vpc/docs/using-vpc

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Question 13: **Correct**

**Resources that are hosted in a zone are called per-zone resources. Zone-specific resources, or per-zone resources, are unique to that zone and are only usable by other resources in the same zone.   Which of the following resource are NOT a zonal resource? Select One**

* 

Instances

* 

Disks

* 

Machine Types

* 

Subnets

**(Correct)**

**Explanation**

Subnets are Regional https://cloud.google.com/compute/docs/regions-zones/global-regional-zonal-resources

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Question 14: **Incorrect**

**Your developers are making the following query below with their APIS, What does these queries accomplish? Select Two**

**https://www.googleapis.com/compute/v1/project//aggregated/instances**

**ttps://www.googleapis.com/compute/v1/project//aggregated/addresses**

* 

Viewing the aggregate list of instances in the zone

* 

Viewing the aggregate list of instances across all zones

**(Correct)**

* 

Viewing the aggregate list of instances across all regions

**(Correct)**

* 

Viewing the aggregate list of networks across all zones

* 

Viewing the aggregate list of networks across all regions

**(Incorrect)**

**Explanation**

To list resources across all zones or regions, you can perform an aggregate list query. Each per-region and per-zone resource has an aggregate list URI that can be queried to list all resources of that type https://cloud.google.com/compute/docs/regions-zones/global-regional-zonal-resources

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Question 15: **Correct**

**Your currently being told by your developers that they can not deploy any more VMs via App Engine.   You suspect the growth of the resources may be an issue in the project "myproject".  What command could you run to validate the project quota?**

* 

gcloud compute project-info describe --project myproject

**(Correct)**

* 

gcloud compute project describe --project myproject

* 

gcloud compute project-info describe --project "myproject"

* 

gcloud compute project-list describe --project myproject

**Explanation**

gcloud compute project-info describe --project myproject https://cloud.google.com/compute/quotas

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Question 16: **Correct**

**You are considering migrating VMS from your local datacenter to the GCP Compute Engine Service.  What are two services that are FREE to use that can enable bulk migrations.**

* 

CloudEndure

**(Correct)**

* 

Velostrata

**(Correct)**

* 

Storage Migration Service

* 

Snowball

* 

gsutil

* 

gcloud

**Explanation**

Note remember on exam you will need to know how to migrate VMS but also storage. https://cloud.google.com/compute/docs/vm-migration/

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Question 17: Skipped

**Your currently trying to determine what images you can import into Compute Engine.  What would be the best option? Select One**

* 

Use the Image Import Precheck Tool

**(Correct)**

* 

Use the gcloud command line to list configuration

* 

Use the Storage Migration Service to validate image

* 

CloudEndure can validate the image

**Explanation**

Precheck runs on your virtual machine before attempting to import it into Google Compute Engine (GCE). It attempts to identify compatibility issues that will either cause import to fail or will cause potentially unexpected behavior post-import. https://cloud.google.com/compute/docs/images/importing-virtual-disks

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Question 18: **Correct**

**You are getting to migrate VMS from your onsite datacenter to GCP Compute Engine. What is the gcloud command to import images and create a bootable image? Select One**

* 

gcloud compute images import

**(Correct)**

* 

gcloud compute import images

* 

gcloud compute images "import"

* 

gcloud compute import "images"

**Explanation**

gcloud compute images import https://cloud.google.com/compute/docs/images/importing-virtual-disks

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Question 19: **Incorrect**

**You currently have attempted to resize a persistent boot disk in Linux to 3TB.  The process your using fails. What is the likely reason for the process failing? Select One**

* 

Boot disks beyond 2 TB are not supported

**(Correct)**

* 

Permissions on the disk were not set properly

* 

Syntax issue while running the blkid process

* 

Syntax issue while running the mount command

**(Incorrect)**

**Explanation**

Boot disks use MBR partitions, which are limited to 2 TB in size. Do not resize boot disks beyond 2 TB. https://cloud.google.com/compute/docs/disks/add-persistent-disk

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Question 20: **Incorrect**

**You would like to create a file structure for Cloud Storage that can be mounted to Compute Engine. What would be the best option? Select One**

* 

FUSE Tool

**(Correct)**

* 

SMS

* 

NFS

* 

This is not supported by Cloud Storage

**(Incorrect)**

**Explanation**

You can use the Google Cloud Storage FUSE tool to mount a Cloud Storage bucket to your Compute Engine instance. The mounted bucket behaves similarly to a persistent disk even though Cloud Storage buckets are object storage. To learn how to mount a Cloud Storage bucket on your instance, read Using Cloud Storage FUSE.https://cloud.google.com/compute/docs/disks/gcs-buckets

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Question 21: **Correct**

**You would like to deploy a LAMP stack for your development team.  The only issue is your not sure how to configure this.  You would like to use a solution that has ready made templates to deploy. What GCP service could you use?**

* 

Cloud Launcher

**(Correct)**

* 

Cloud Formation

* 

App Engine

* 

Cloud Functions

* 

CloudEndure

**Explanation**

Google Cloud Launcher offers ready-to-go development stacks, solutions, and services to accelerate development. So you spend less time installing and more time developing. https://cloud.google.com/launcher/

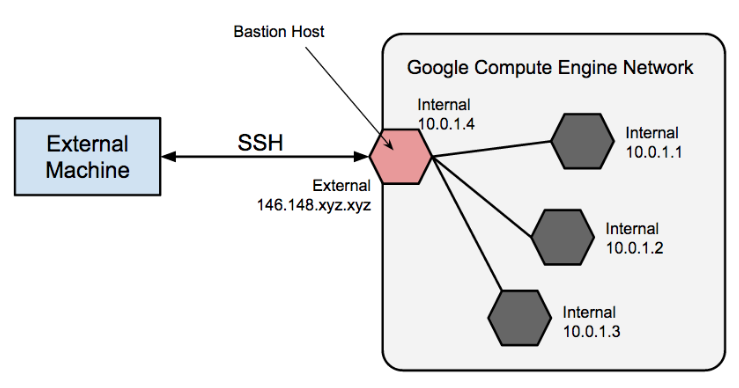
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Question 22: **Correct**

**Reviewing the picture below why would you want a Bastion Host in this situation? Select One**

[Larger image](javascript:void(0))

[[](javascript:void(0))](javascript:void(0))

* 

Provide an external facing point of entry into a network containing private network instances

**(Correct)**

* 

Provide an internal facing point of entry into a network containing private network instances

* 

Provide an external facing point of entry into a network containing dynamic network instances

* 

Provide an external facing point of egress from a network containing dynamic network instances

**Explanation**

Bastion Hosts provide an external facing point of entry into a network containing private network instances. https://cloud.google.com/solutions/connecting-securely

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Question 23: **Incorrect**

**Stackdriver \_\_\_\_\_\_\_\_\_\_\_\_\_\_provides latency sampling and reporting for Google App Engine, including per-URL statistics and latency distributions. Select One**

* 

Logging

**(Incorrect)**

* 

Trace

**(Correct)**

* 

Debugging

* 

Analysis

* 

Sampling

**Explanation**

Trace provides latency sampling and reporting for Google App Engine, including per-URL statistics and latency distributions. https://cloud.google.com/stackdriver/

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Question 24: **Correct**

**Stackdriver Logging allows you to store, search, analyze, monitor, and alert on log data and events from \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ and \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

* 

GCP

**(Correct)**

* 

AWS

**(Correct)**

* 

Bluemix

* 

NTT

* 

Azure

**Explanation**

Stackdriver Logging allows you to store, search, analyze, monitor, and alert on log data and events from Google Cloud Platform and Amazon Web Services (AWS). Our API also allows ingestion of any custom log data from any source. Stackdriver Logging is a fully managed service that performs at scale and can ingest application and system log data from thousands of VMs. Even better, you can analyze all that log data in real time.

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Question 25: **Incorrect**

**In GCP IAM there are specific types of roles that can be used.  IAM lets you adopt the security principle of least privilege, so you grant only the necessary access to your resources. What are the three types of roles in IAM? Select Three**

* 

Custom

**(Correct)**

* 

Predefined

**(Correct)**

* 

LDAP

* 

Oath

* 

Primative

**(Correct)**

* 

Undefined

**(Incorrect)**

**Explanation**

Custom, Primitive and Predefined. https://cloud.google.com/iam/docs/understanding-roles

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Question 26: **Incorrect**

**Compute Engine blocks or restricts traffic through all of the following ports/protocols between the Internet and virtual machines, and between two virtual machines when traffic is addressed to their external IP addresses through these ports (this also includes load-balanced addresses). These ports are permanently blocked; they cannot be opened using firewall rules. What ports are blocked in Compute Engine? Select three**

* 

All outgoing traffic to port 25 (SMTP) is blocked.

**(Correct)**

* 

GRE traffic is blocked, even between VMs

**(Correct)**

* 

Most outgoing traffic to port 465 or 587 (SMTP over SSL) is blocked, except for known [Google IP addresses](http://support.google.com/a/bin/answer.py?answer=60764)

**(Correct)**

* 

All traffic coming from AWS.

**(Incorrect)**

* 

All outgoing traffic to port 22 (SSH) is blocked.

**(Incorrect)**

**Explanation**

All outgoing traffic to port 25 (SMTP) is blocked. Most outgoing traffic to port 465 or 587 (SMTP over SSL) is blocked, except for known Google IP addresses. GRE traffic is blocked, even between VMs. Traffic that uses a protocol other than TCP, UDP, ICMP, and IPIP is blocked, unless explicitly allowed through protocol forwarding. https://cloud.google.com/compute/docs/networks-and-firewalls

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Question 27: Skipped

**You can add a subnet to a region of an existing VPC network and would like to optionally assign a secondary IP range to the subnet for use with Alias IP.  Which two statements are TRUE about ALIAS IP? Select Two**

* 

You can configure multiple internal IP addresses

**(Correct)**

* 

You can assign VM alias IP ranges from either the subnet's primary or secondary ranges.

**(Correct)**

* 

You can not configure multiple internal IP addresses

* 

You can assign VM alias IP ranges from either the subnet's primary range only

* 

You need to contact support to set up Alias IP

**Explanation**

Using IP aliasing, you can configure multiple internal IP addresses, representing containers or applications hosted in a VM, without having to define a separate network interface. You can assign VM alias IP ranges from either the subnet's primary or secondary ranges https://cloud.google.com/vpc/docs/alias-ip

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Question 28: **Incorrect**

**The Organization resource is the root node in the Google Cloud Platform hierarchy and is the hierarchical super node of projects. What are the types of customers an organization resource is available for? Select Two**

* 

G Suite

**(Correct)**

* 

Cloud Identity

**(Correct)**

* 

Gmail

**(Incorrect)**

* 

Google for Education

**Explanation**

An Organization resource is available for G Suite and Cloud Identity customers https://cloud.google.com/resource-manager/docs/creating-managing-organization

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Question 29: **Incorrect**

**Which of the following is NOT true about organizations in GCP? Select One**

* 

Find using the Console, API or gcloud

* 

It is automatically created

**(Incorrect)**

* 

It is a unique identifier

* 

It is created by support

**(Correct)**

**Explanation**

The organization ID is a unique identifier for an organization and is automatically created when your Organization resource is created. You can find your organization ID using either the GCP Console, the gcloud tool, or the Resource Manager API. https://cloud.google.com/resource-manager/docs/creating-managing-organization#retrieving\_your\_organization\_id

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Question 30: **Correct**

**Compute Engine offers autoscaling to automatically add or remove virtual machines from an \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_based on increases or decreases in load. Select One**

* 

Resource Group

* 

Instance Group

**(Correct)**

* 

Subnet

* 

Network

**Explanation**

Compute Engine offers autoscaling to automatically add or remove virtual machines from an instance group based on increases or decreases in load. This allows your applications to gracefully handle increases in traffic and reduces cost when the need for resources is lower. You just define the autoscaling policy and the autoscaler performs automatic scaling based on the measured load.

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Question 31: **Incorrect**

**In GCP there are two types of managed instance groups.  Select Two**

* 

Zonal

**(Correct)**

* 

Regional

**(Correct)**

* 

Global

**(Incorrect)**

* 

Datacenter

* 

GDPR

**Explanation**

You can create two types of managed instance groups: A zonal managed instance group, which contains instances from the same zone. A regional managed instance group, which contains instances from multiple zones across the same region. https://cloud.google.com/compute/docs/instance-groups/

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Question 32: **Correct**

**Currently, Kubernetes Engine only supports the use of \_\_\_\_\_\_\_\_\_\_\_\_\_ containers for your workloads. Select One**

* 

Docker

**(Correct)**

* 

Kubernetes

* 

XLC

* 

Mesophere

**Explanation**

Currently, Kubernetes Engine only supports the use of Docker containers for your workloads. Support for other types of containers is planned for upcoming releases. https://cloud.google.com/kubernetes-engine/docs/concepts/kubernetes-engine-overview

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Question 33: **Correct**

**You are trying to understand Organization in GCP.  What is the Organization resource bound to? Select Two**

* 

G Suite

**(Correct)**

* 

CloudEndure

* 

Cloud Identity

**(Correct)**

* 

PKI

* 

LDAP

**Explanation**

The Organization resource is bound to your G Suite or Cloud Identity account. https://cloud.google.com/resource-manager/docs/creating-managing-organization#retrieving\_your\_organization\_id

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Question 34: **Incorrect**

**You currently are managing in your GCP Environment both managed and unmanaged instance groups. What would be the feature that is supported where you can use an unmanaged instance group? Select One**

* 

Load Balancing

**(Correct)**

* 

Autoscaling

* 

Rolling Updates

**(Incorrect)**

* 

Instance Templates

**Explanation**

Unmanaged instance groups are groups of dissimilar instances that you can arbitrarily add and remove from the group. Unmanaged instance groups do not offer autoscaling, rolling update support, or the use of instance templates so Google recommends creating managed instance groups whenever possible. Use unmanaged instance groups only if you need to apply load balancing to your pre-existing configurations or to groups of dissimilar instances. https://cloud.google.com/compute/docs/instance-groups/

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Question 35: **Correct**

**Your currently being summoned to the CIO office and he would like to have a copy of the billing reports from Google Cloud Platform.  What are the two formats you can export billing info to?  Select Two**

* 

CSV, or JSON

**(Correct)**

* 

CSV or XML

* 

JSON or XML

* 

JSON or .Doc

**Explanation**

To access a detailed breakdown of your charges, you can export your daily usage and cost estimates automatically to a CSV or JSON file stored in a Google Cloud Storage bucket you specify. https://cloud.google.com/billing/docs/how-to/export-data-file

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Question 36: **Correct**

**When exporting billing data you can export a CSV or JSON file cloud storage.  There is also the option to export the data to a dataset. What type of dataset can you export to in GCP? Select One**

* 

BigTable

* 

BigQuery

**(Correct)**

* 

Cloud SQL

* 

Cloud Spanner

**Explanation**

Alternatively, you can export detailed data to a Google BigQuery dataset. https://cloud.google.com/billing/docs/how-to/export-data-file

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Question 37: **Incorrect**

**What page in the GCP Billing page contains details about your costs and payment information? Select One**

* 

History

**(Correct)**

* 

Billing and Invoicing

**(Incorrect)**

* 

Payments

* 

Organizations

**Explanation**

Your billing account's History page contains details about your costs and payment information. Here, you can: View transactions and sort by transaction types. Sort your account's payment information. https://cloud.google.com/billing/docs/how-to/view-history

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Question 38: **Correct**

**When considering storage options for your virtual machines in Compute Engine the choices can be confusing when costing is not the main concern.  Without costing being a concern what type of storage would provide fast and reliable block storage and scale to 64TB?**

* 

Standard Persistent

* 

SSD Persistent

**(Correct)**

* 

Local SSD

* 

Cloud Storage Buckets

**Explanation**

SSD Persistent Fast and reliable block storage https://cloud.google.com/compute/docs/disks/

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Question 39: **Correct**

**The\_\_\_\_\_\_\_\_\_\_ Tier delivers traffic over Google’s well-provisioned, low latency, highly reliable global network. Select One**

* 

Premium

**(Correct)**

* 

Standard

* 

Both Tiers use the Google network

* 

Neither Tiers use the Google Network

**Explanation**

The Premium Tier delivers traffic over Google’s well-provisioned, low latency, highly reliable global network. https://cloud.google.com/network-tiers/

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Question 40: **Correct**

**A differentiator for GCP in VMS is around the capability to use \_\_\_\_\_\_\_\_\_\_\_\_instances for billing purposes, the same type of machine used in the same zone will be combined into a single charge so that you get the most discount as if it were one machine in use the whole time. What is this type of instance called? Select One**

* 

Deffered

* 

Inferred

**(Correct)**

* 

Reserved

* 

On demand

**Explanation**

Inferred When computing sustained use discounts for predefined machine types, Compute Engine gives you the maximum available discount using inferred instances. An inferred instance combines multiple, non-overlapping instances in the same zone into a single instance for billing. https://cloud.google.com/compute/docs/sustained-use-discounts

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Question 41: **Correct**

**Objects are \_\_\_\_\_\_\_\_\_, which means that an uploaded object cannot change throughout its storage lifetime.  Select One**

* 

Immutable

**(Correct)**

* 

Mutable

* 

Hardened

* 

Strcutured

**Explanation**

Objects are immutable, which means that an uploaded object cannot change throughout its storage lifetime. https://cloud.google.com/solutions/automated-build-images-with-jenkins-kubernetes

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Question 42: **Correct**

**Google Compute Engine offers two categories of machine types. What are they? Select One**

* 

Predefined and Custom

**(Correct)**

* 

Predefined and Spot

* 

Custom and Spot

* 

Predefined and Reserved

**Explanation**

Google Compute Engine offers two categories of machine types: predefined machine types and custom machine types. Predefined machine types have preset virtualized hardware properties and a set price, while custom machine types are priced according to the number of vCPUs and memory that the virtual machine instance uses. https://cloud.google.com/compute/pricing

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Question 43: **Correct**

**Which of the following features are supported by GCP Cloud Storage?  Select Two**

* 

Object Versioning

**(Correct)**

* 

Object Lifecycle Management

**(Correct)**

* 

Object Analysis Management

* 

Object Antivirus Scanning

**Explanation**

Object Lifecycle and Object Versioning https://cloud.google.com/storage/docs/lifecycle

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Question 44: **Incorrect**

**You considering using Standard Tier over Premium Tier for your network traffic.  What is a feature that is NOT Supported on Standard Tier? Select One**

* 

Cloud CDN

**(Correct)**

* 

Network / Internal LB

**(Incorrect)**

* 

TCP/SSL Proxy LB (non-HTTP traffic)

* 

HTTP(S) Load Balancing (LB)

**Explanation**

Cloud CDN and Cloud VPN/Cloud Router are only supported with Premium Tiers https://cloud.google.com/network-tiers/

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Question 45: **Incorrect**

**\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_is a unified programming model and a managed service for developing and executing a wide range of data processing patterns including ETL, batch computation, and continuous computation Select One**

* 

Cloud Dataflow

**(Correct)**

* 

Cloud DataLab

* 

Cloud Spanner

* 

Cloud DataProc

**(Incorrect)**

**Explanation**

Dataflow is a unified programming model and a managed service for developing and executing a wide range of data processing patterns including ETL, batch computation, and continuous computation https://cloud.google.com/dataflow/docs/

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Question 46: **Correct**

**What service in GCP is an Apache Hadoop, Apache Spark, Apache Pig, and Apache Hive service, to easily process big datasets at low cost.  Select One**

* 

Cloud DataProc

**(Correct)**

* 

Cloud DataFlow

* 

Cloud DataLab

* 

Cloud Bigquery

* 

Cloud BigTable

**Explanation**

Use DataProc, an Apache Hadoop, Apache Spark, Apache Pig, and Apache Hive service, to easily process big datasets at low cost. https://cloud.google.com/dataproc/

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Question 47: Skipped

**Cloud SQL is a fully-managed MySQL and PostgreSQL database service.  What two variations of SQL does Cloud SQL Support?  Select Two**

* 

MySQL

**(Correct)**

* 

PostgresSQL

**(Correct)**

* 

Oracle SQL

* 

MS SQL

**Explanation**

PostgresSQL and My SQL https://cloud.google.com/sql/

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Question 48: Skipped

**Cloud SQL is a fully-managed MySQL and PostgreSQL database service.  You need to scale this service for reads and writes. What type of scaling would you want to use? Select One**

* 

Horizontally

* 

Vertically

**(Correct)**

* 

Diagonally

* 

Horizontal and Vertical

**Explanation**

Vertical. If you need horizontally scaling SQL use Cloud Spanner. https://cloud.google.com/storage-options/

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Question 49: **Correct**

**Your developers are requesting you set up a document data service (semi-structured)in GCP. for web and mobile apps. What service would recommend? Select one**

* 

Cloud Spanner

* 

Cloud Datastore

**(Correct)**

* 

Cloud DataLab

* 

Cloud SQL

**Explanation**

Cloud Datastore is a highly-scalable NoSQL database for your web and mobile applications https://cloud.google.com/datastore/

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Question 50: **Incorrect**

**Stackdriver Premium retains logfiles when using the logging capabilities for how many days? Select One**

* 

30

**(Correct)**

* 

7

* 

60

**(Incorrect)**

* 

15

**Explanation**

Stackdriver Premium retains audit logfiles 30 days. 7 Days for standard https://cloud.google.com/logging/quotas

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