



Level: Beginner

## Google Cloud Certified Cloud Digital Leader

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### Practice Test 1 - Practice Mode

Completed on Thu, 25 Aug 2022



1st  
Attempt



3/55  
Marks Obtained



5.45%  
Your Score



N/A  
Time Taken



FAIL  
Result

### Domain wise Quiz Performance Report

No.	Domain	Total Question	Correct	Incorrect	Unattempted	Marked for Review
1	Infrastructure and Application Modernization with Google Cloud	16	3	1	12	0
2	Innovating with Data and Google Cloud	6	0	1	5	0

No.	Domain	Total Question	Correct	Incorrect	Unattempted	Marked for Review
3	Introduction to Digital Transformation with Google Cloud	22	0	1	21	0
4	Understanding Google Cloud Security and Operations	11	0	1	10	0
<b>Total</b>	<b>All Domains</b>	<b>55</b>	<b>3</b>	<b>4</b>	<b>48</b>	<b>0</b>

## Review the Answers

Filter By

All Questions

### Question 1

Correct

Domain: Infrastructure and Application Modernization with Google Cloud

Your company has recently signed a contract with a company that intends to develop a software for self-driving cars. Your team is tasked with building applications that are highly scalable on a serverless platform. Since the company does not want any infra management overheads, it requires the platform to be fully managed.

Which offering from Google Cloud would you recommend?

- A. Host the application on VM
- B. Cloud run
- C. Cloud function
- D. Google App Engine ✓ right

### Explanation:

**Correct Answer: D**

- **Option A is Incorrect.** This is not a fully managed solution.
- **Option B is Incorrect.** Cloud run would be an apt choice for containerized applications development and deployment on a fully managed serverless platform.
- **Option C is Incorrect.** Cloud function is incorrect because cloud functions are event-driven and mostly designed for lightweight functionalities instead of applications.
- **Option D is Correct.** Google App Engine is the appropriate choice for this solution because Google App Engine is:
  - 1> Fully Managed
  - 2> Serverless
  - 3> Highly scalable
  - <https://cloud.google.com/run>
  - <https://cloud.google.com/functions/>
  - <https://cloud.google.com/appengine>

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**Question 2**

Unattempted

Domain: Understanding Google Cloud Security and Operations



You are working on proposing a solution to a prospective security service provider that wants to implement an Intelligent solution in restricted areas of bank (like locker etc.) for recognizing people who are not authorized to access the area.

Since the contract will be awarded to the google cloud compatible proposal that is most effective, cost-efficient, and has minimum maintenance overhead. Which of the below would you propose?

- A. Propose to use OpenCV
- B. Propose to implement Rekognition
- C. Propose to implement Cloud Vision AI ✓ right
- D. Propose to implement triplet loss function trained deep CNN model

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### Explanation:

#### Correct Answer: C

- **Option A is Incorrect.** OpenCV could be used to write code for the given purpose, but it is an open-source library. Hence it will be less preferred over Cloud Vision AI.
- **Option B is Incorrect.** Rekognition is not a Google Cloud offering but is offered by AWS.
- **Option C is Correct.** Face detection using Cloud Vision AI on Google cloud is:
  - Effective,
  - Cost-efficient and has
  - Minimum maintenance overhead
- **Option D is Incorrect.** This could be implemented, but it requires high expertise and higher maintenance and hence is not preferred

- <https://opencv.org>
- <https://cloud.google.com/vision>

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### Question 3

Correct

Domain: Infrastructure and Application Modernization with Google Cloud

You are working on a compliance project that requires you to fetch the certificates on a Linux VM. You are required to connect to the Linux VM on Google cloud.

Which of the below listed is correct with regards to connecting to Compute engine Virtual Machine?

- A. Connect to Linux VM using RDP.
- B. Connect to Linux VM using SSH. ✓ right
- C. Use cloud console to connect to Linux VM.
- D. Use Direct connect.

### Explanation:

Correct Answer: B

- Option A is Incorrect because users require RDP to connect to Windows VM.
- Option B is correct. Linux VM could be connected using SSH.

- **Option C is Incorrect.** Cloud Console is a management console for Google Cloud Platform.
- **Option D is Incorrect.** Direct connect is an invalid option.
- <https://cloud.google.com/cloud-console>

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#### Question 4

Incorrect

Domain: Introduction to Digital Transformation with Google Cloud

An organization has migrated its oracle workloads to Google cloud and has utilized Google's bare metal solution for oracle.

Which of the below listed is NOT the responsibility of the customer to manage on Bare Metal Solution environment?

- A. Perform upgrade of the software
- B. Perform software patching x wrong
- C. Perform server clusters configuration
- D. Perform server configuration ✓ right

#### Explanation:

Correct Answer: D

- **Option A is Incorrect.** Performing an upgrade of the software is the responsibility of customer.

- **Option B is Incorrect.** Performing software patching is the responsibility of customer.
- **Option C is Incorrect.** Performing server clusters configuration is the responsibility of customer.
- **Option D is Correct.** The Servers in pre-configured sizes are offered in Bare Metal Solution. If the custom configuration is required, the customer can order custom sizes. Refer “Server Configurations” in
  - [https://cloud.google.com/bare-metal/docs/bms-planning#your\\_responsibilities\\_in\\_a\\_environment](https://cloud.google.com/bare-metal/docs/bms-planning#your_responsibilities_in_a_environment)
  - [https://cloud.google.com/bare-metal/docs/bms-planning#your\\_responsibilities\\_in\\_a\\_environment](https://cloud.google.com/bare-metal/docs/bms-planning#your_responsibilities_in_a_environment)

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## Question 5

Incorrect

**Domain:** Understanding Google Cloud Security and Operations

Which of the Google cloud offering will be best suited to be used for solutions running Apache Spark and Presto?

- A. Dataproc ✓ right
- B. Shielded VMs
- C. sole-tenant nodes
- D. Cloud Run ✗ wrong

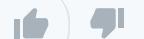
## Explanation:

**Correct Answer:** A

- **Option A is Correct.** Dataproc is most suited to run solutions involving Apache spark and Presto at a minimal cost. Fully managed offering dataproc is highly scalable and cost-efficient.
  - **Option B is Incorrect.** Shielded VMs are primarily hardened VMs that defend against rootkits and bootkits. Although shielded VMs can be used, dataproc is the most suited.
  - **Option C is Incorrect.** Sole-tenant nodes are dedicated hardware. Hence it can be used but are not cost-efficient, and the implement solution will not be fully managed.
  - **Option D is Incorrect.** Fully managed offering cloud run is the serverless platform most suited for containerized solutions
- <https://cloud.google.com/dataproc>
  - <https://cloud.google.com/shielded-vm>
  - <https://cloud.google.com/sole-tenant-nodes>
  - <https://cloud.google.com/run>

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## Question 6

Incorrect**Domain:** Innovating with Data and Google Cloud

Your team is building a data processing application to transform lightweight data on arrival and storing post-transformation data as structured data. Google Cloud sources are expected to trigger the transformations.

Which google cloud service would you use for performing the required extraction of lightweight data?

A. Cloud Run ✓ right

B. Bigquery X wrong

C. Cloud Transform

D. BigTransform

## Explanation:

**Correct Answer: A**

- **Option A is Correct.** Cloud run is the correct choice for performing the required extraction.
- **Diagram credit:** <https://cloud.google.com/run#section-10>
- **Option B is Incorrect.** Bigquery is incorrect because bigquery is an agile multi-cloud data warehouse.
- **Option C is Incorrect.** CloudTransform is an invalid option.
- **Option D is Incorrect.** BigTransform is an invalid option.
- **“Data processing:** Lightweight data transformation” <https://cloud.google.com/run>

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## Question 7

Correct

**Domain:** Infrastructure and Application Modernization with Google Cloud

Which of the below features of Pub/Sub allows offline examination and debugging of messages to ensure no-delay processing of other messages?

- A. Exactly once processing
- B. Seek and replay
- C. Dead Letter topics ✓ right
- D. Filtering

### Explanation:

#### Correct Answer: C

- **Option A is Incorrect.** Exactly once processing ensures that the Pub/Sub stream is processed exactly once.
- **Option B is Incorrect.** The seek and replay feature of Pub/Sub can reprocess messages by facilitating point-in-time rewind of backlog.
- **Option C is Correct.** It allows offline examination and debugging of messages to ensure no-delay processing of other messages.
- **Option D is Incorrect.** Filtering enables message filtering based on message attributes.
- <https://cloud.google.com/pubsub>

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### Question 8

Incorrect

Domain: Infrastructure and Application Modernization with Google Cloud

Your organization is awarded a contract to implement an API management solution for open banking. Which of the listed below would be an appropriate fit to be used?

- A. Artifact Registry
- B. Apigee API Management ✓ right
- C. Cloud Monitoring
- D. B and C ✗ wrong

### Explanation:

Correct Answer: B

- **Option A is incorrect.** Artifact Registry helps in storing, managing, and securing build artifacts.
  - **Option B is correct.** Apigee API Management helps in managing APIs securely and is massively scalable.
  - **Option C is incorrect.** Cloud monitoring is incorrect as it facilitates monitoring the application's and infrastructure's health and performance and is not related to API management.
  - **Option D is incorrect** because option C is an incorrect choice.
- <https://cloud.google.com/artifact-registry>
  - <https://cloud.google.com/apigee>
  - <https://cloud.google.com/monitoring>

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**Question 9****Unattempted****Domain:** Infrastructure and Application Modernization with Google Cloud

Which of the Google cloud offering for Virtual Machine offers block storage that is reliable and high performance ?

- A. Preemptible VMs
- B. Cloud storage for Firebase
- C. Local SSD
- D. Persistent Disk ✓ right

**Explanation:****Correct Answer:** D

- **Option A is Incorrect.** Preemptible VMs are compute instances that are short-lived and are appropriate to be used for batch jobs.
  - **Option B is Incorrect.** Cloud storage for Firebase stores and serves content that is user generated on block storage.
  - **Option C is Incorrect.** Local SSD also offers high performance block storage but is attached locally.
  - **Option D is Correct.** Persistent disk from Google Cloud offers block storage that is reliable and high performance for Virtual Machines.
- <https://cloud.google.com/preemptible-vms>
  - <https://firebase.google.com/products/storage/>
  - <https://cloud.google.com/local-ssd>
  - <https://cloud.google.com/persistent-disk>

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## Question 10

Unattempted

**Domain:** Infrastructure and Application Modernization with Google Cloud

Which of the below-listed use cases should Local SSD be used for?

- A. Genome sequencing
- B. Media rendering ✓ right
- C. Data archiving
- D. Use as cache ✓ right
- E. Batch Jobs

### Explanation:

**Correct Answers:** B and D

- **Option A is Incorrect.** Since Genome sequencing requires performing analysis and needs speed, scalability and security, filestore is most apt.
- **Option B is Correct.** Local SSD is appropriate to be used for Media rendering.
- **Option C is Incorrect.** Cold storage is most optimal for data archiving.
- **Option D is Correct.** Local SSD is the most optimal choice for being used as a cache as it provides high IOPS and very low latency.

- **Option E is Incorrect.** Preemptible VMs are appropriate for batch jobs.
- <https://cloud.google.com/filestore>
- <https://cloud.google.com/storage/archival>
- <https://cloud.google.com/local-ssd>
- <https://cloud.google.com/preemptible-vms>

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### Question 11

Unattempted

Domain: Infrastructure and Application Modernization with Google Cloud

Your team plans to use Migrate for Anthos and GKE for an application modernization project. Which of the below listed cannot be achieved by using Migrate for Anthos and GKE?

- A. Migration of apps based on VM to Compute Engine ✓ right
- B. Migration of Linux workloads to containers
- C. Migration of Microsoft IIS web applications to Windows containers on GKE
- D. Extraction of application specific elements from VMs

### Explanation:

Correct Answer: A



- **Option A is Correct.** Migration of apps based on VM to Compute Engine should be performed by using Migrate for Compute Engine.
  - **Option B is Incorrect.** Migration of Linux workloads to containers can be done by using Migrate for Anthos and GKE.
  - **Option C is Incorrect.** Migration of Microsoft IIS web applications to Windows containers on GKE can be done by using Migrate for Anthos and GKE.
  - **Option D is Incorrect.** Extraction of application specific elements from VMs can be done by using Migrate for Anthos and GKE.
- <https://cloud.google.com/migrate/compute-engine>
  - <https://cloud.google.com/migrate/anthos>

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## Question 12

Unattempted

**Domain:** Understanding Google Cloud Security and Operations

You are implementing security for and plan to store API keys and certificates used across your Google cloud.

Which of the below will you plan to use?

- A. Secret Manager ✓ right
- B. Cloud Key Management
- C. Security command center
- D. A & B

## Explanation:

### Correct Answer: A

- **Option A is Correct.** A secret manager can be used to store API keys, passwords, and certificates.
  - **Option B is Incorrect.** Cloud Key Management helps manage encryption keys and cannot be used for storing API keys and certificates.
  - **Option C is Incorrect.** The security command center cannot be used for storing API keys and certificates, but it is appropriate to be used to defend Google cloud assets against threats.
  - **Option D is Incorrect.** Cloud Key management is an incorrect option.
- <https://cloud.google.com/security-command-center>
  - <https://cloud.google.com/secret-manager>
  - <https://cloud.google.com/security-key-management>

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## Question 13

Unattempted

**Domain:** Introduction to Digital Transformation with Google Cloud

While working on an implementation project that is currently being done in a Test environment, you are using a Google cloud offering that is currently in the 'Preview' launch stage.

However, you encounter an issue during the implementation and have reached out to Google for technical support.

What is the turnaround time that Google commits for its offerings in the 'Preview' launch stage?

- A. 24 hours
- B. 72 hours
- C. 96 hours
- D. No technical support commitments ✓ right

### Explanation:

Correct Answer: D

- Option A is Incorrect.
- Option B is Incorrect.
- Option C is Incorrect.
- Option D is Correct. There is no technical support commitment provided by Google for products in 'Preview' launch stage.
- <https://cloud.google.com/products#section-22>

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Question 14

Unattempted



Which of the below could be implemented for fine-grained management and cost allocation using organizations in Google cloud?

- A. Billing access control
- B. Quotas
- C. Resource hierarchy ✓ right
- D. Budgets

### Explanation:

#### Correct Answer: C

- **Option A is Incorrect.** Billing access control helps to enforce organizational policies at various levels in the resource hierarchy.
- **Option B is Incorrect.** Quotas help to control the spending and unforeseen usage spikes proactively.
- **Option C is Correct.** Resource hierarchy should be implemented for fine-grained management and cost allocation using organizations in Google cloud.
- **Option D is Incorrect.** Budgets are most useful in performing the monitoring of the costs being incurred on google cloud.
- <https://cloud.google.com/cost-management>

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### Question 15

Unattempted

Domain: Introduction to Digital Transformation with Google Cloud

You are working on a proposal. Your prospective client has indicated that he would require guidance from Google support on application development, along with guidance on architecting certain services for proposed use cases.

Which support level should you propose?

- A. Bronze
- B. Silver
- C. Gold ✓ right
- D. Platinum

### Explanation:

**Correct Answer: A**

- **Option A is incorrect.** It is invalid, just a distractor.
- **Option B is incorrect.** Guidance on application development and architecting certain services for proposed use cases are not included in Silver support.
- **Option C is Correct.** Because it provides consultation on architecting certain services for specific use cases.
- **Option D is incorrect.** Platinum costs more than Gold, and hence it is not suggested.
- <https://cloud.google.com/terms/tssg>

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**Question 16****Unattempted****Domain:** Infrastructure and Application Modernization with Google Cloud

Which of the below listed Google Cloud services should be used to facilitate internet access to the applications in a private instance?

- A. Cloud CDN
- B. Cloud Interconnect
- C. Cloud NAT ✓ right
- D. Traffic Director

**Explanation:****Correct Answer: C**

- **Option A is Incorrect.** Cloud CDN is a content delivery network that helps serve content to the users from the nearest locations.
  - **Option B is Incorrect.** Cloud Interconnect provides a highly available, low latency connection to connect on-premises network and Google cloud network.
  - **Option C is Correct.** Cloud NAT (Network address translation) enables the applications in private instances to access the internet.
  - **Option D is Incorrect.** Traffic director helps in global load balancing deployment across multi-region virtual machine (VM) instances.
- <https://cloud.google.com/cdn>
  - <https://cloud.google.com/network-connectivity/docs/interconnect>
  - <https://cloud.google.com/nat>
  - <https://cloud.google.com/traffic-director>

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## Question 17

Unattempted

**Domain:** Infrastructure and Application Modernization with Google Cloud

You are managing a project for a start-up that is working on developing a product to be used for self-driving cars.

The edge devices will collect the data on the cars, and analysis on the ingested real-time data needs to be performed at high speed. The performed analysis will track driver behavior.

Which of the below database offering from Google Cloud would you prefer to use in this solution?

- A. Cloud Bigtable ✓ right
- B. Firestore
- C. Cloud Spanner
- D. Datastream

## Explanation:

**Correct Answer: A**

- **Option A is Correct.** As this scenario requires us to use a database that can handle high workloads and perform analytics at a fast pace, Cloud Bigtable would be an appropriate choice.

- **Option B is Incorrect.** Firestore is a serverless document database, and hence it will not serve the purpose as required in this scenario.
  - **Option C is Incorrect.** Distributed SQL database, cloud spanner will not be a correct choice for this solution, as the scenario requires performing high-speed analytics.
  - **Option D is Incorrect.** Datastream is not the right choice for this solution because data stream helps in performing replication and synchronization of data across various systems, including databases, storage systems, etc.
- <https://cloud.google.com/bigtable>
  - <https://cloud.google.com/firestore>
  - <https://cloud.google.com/spanner>
  - <https://cloud.google.com/datastream>

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## Question 18

Unattempted

**Domain:** Infrastructure and Application Modernization with Google Cloud

An issue is reported in the code deployed in the production environment. To diagnose the issue, your developer requires injecting a new logging statement and taking a snapshot of the state of running the application.

How can this be done?

- A. Cloud Logging
- B. Cloud Monitoring

C. Cloud Trace D. Cloud Debugger ✓ right

## Explanation:

**Correct Answer: D**

- **Option A is Incorrect.** Cloud logging helps in real-time management and analysis of logs.
  - **Option B is Incorrect.** Cloud Monitoring helps to monitor the health, availability and performance of infrastructure and the configured application by producing metrics of help.
  - **Option C is Incorrect.** Cloud Trace is an offering from Google cloud that helps find production performance bottlenecks by collecting application's latency data.
  - **Option D is Correct.** Cloud Debugger helps to investigate the behavior of code in production.
- <https://cloud.google.com/logging>
  - <https://cloud.google.com/monitoring>
  - <https://cloud.google.com/trace>
  - <https://cloud.google.com/debugger>

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Question 19

Unattempt



**Domain:** Infrastructure and Application Modernization with Google Cloud

Which of the listed is not a serverless computing offering from Google Cloud?

- A. Cloud Run
- B. Workflow
- C. Looker ✓ right
- D. App engine

### Explanation:

**Correct Answer: C**

- **Option A is Incorrect.** Cloud run is a serverless Google cloud product.
- **Option B is Incorrect.** Workflow is a serverless Google cloud product.
- **Option C is Correct.** Looker is NOT a serverless Google cloud product.
- **Option D is Incorrect.** App Engine is a serverless Google cloud product.

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### Question 20

Unattempted

**Domain:** Infrastructure and Application Modernization with Google Cloud

Your client, a global financial giant, plans to migrate its relational database currently running on-prem to the cloud. Which of the below listed would be the most preferred option?

- A. Cloud SQL ✓ right
- B. Cloud Oracle
- C. Cloud Bigtable
- D. Either of A or C

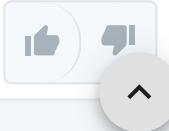
### Explanation:

#### Correct Answer: A

- **Option A is Correct.** Fully-managed database service, Cloud SQL is a relational database service compatible with MySQL, PostgreSQL and SQL Server.
- **Option B is Incorrect.** Cloud Oracle is an Invalid service.
- **Option C is Incorrect.** Since BigTable is a NoSQL database service, it is not appropriate in this scenario.
- **Option D is Incorrect.** Please refer to the explanation above.
- <https://cloud.google.com/sql>
- <https://cloud.google.com/bigtable>

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**Question 21****Unattempted****Domain:** Introduction to Digital Transformation with Google Cloud

Which of the below listed is not an advantage of the Cloud?

- A. Increased productivity
- B. Cost-effectiveness
- C. Issues with BYOL (Bring Your Own License) ✓ right
- D. Scalability

**Explanation:****Correct Answer: C**

- **Option A:** “Increased productivity” is an advantage of the Cloud.
- **Option B:** As the customer has lots of flexibility in terms of various price offerings suiting for the duration of requirement and opting for cloud-based services, products offer “Cost-effectiveness”. Hence, Cost-effectiveness is an advantage of the Cloud.
- **Option C:** “Bring your own license” (BYOL) is available with almost all the public cloud providers, including Google Cloud. Hence, this is not an issue. This is the correct option.
- **Option D:** This is an advantage of using the Cloud as the cloud customer can virtually scale to any limits as per the requirement.
- [https://en.wikipedia.org/wiki/Cloud\\_computing](https://en.wikipedia.org/wiki/Cloud_computing)

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**Question 22**

Unattempted

**Domain:** Introduction to Digital Transformation with Google Cloud

You are working with a Financial giant looking to adopt a public Cloud. The IT advisory group of the company has indicated the intent that they want cloud infrastructure to be solely operated for them and hosted internally.

Which of the below option is the right choice for the organization?

- A. Public Cloud
- B. Private Cloud ✓ right
- C. Hybrid Cloud
- D. Any of the above

**Explanation:****Correct Answer: B**

- **Option A is incorrect** because the Public Cloud deployment model generally offers services to multiple customers unless opted explicitly for. Public Cloud is also not a correct choice because Public Cloud will not be hosted internally.
- **Option B is correct** because the Private Cloud deployment model caters to the below requirements:
  1. Solely operated for one customer
  2. Hosted internally for the customer
- **Option C is incorrect** as this option comprises the combination of both the Private and Public Cloud.

- Option D is incorrect as Public Cloud and Hybrid one are not a suitable choice.
- [https://en.wikipedia.org/wiki/Cloud\\_computing#Deployment\\_models](https://en.wikipedia.org/wiki/Cloud_computing#Deployment_models)

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### Question 23

Unattempted

Domain: Introduction to Digital Transformation with Google Cloud

Which of the listed below are not the benefits of Infrastructure-as-a-Service cloud offerings? (Select 2)

- A. Increased CapEx and Increased Performance ✓ right
- B. Decreased CapEx and Increased Performance
- C. Increased OpEx and Increased security
- D. Decreased OpEx and Operational flexibility ✓ right

### Explanation:

Correct Answers: A and D

By opting for Infrastructure-as-a-Service cloud offerings, the customer benefits from Reduced Operational expense (OpEx) and reduced Capital Expense (CapEx).

- Option A and Option D are correct because these options indicate the increase in CapEx and OpEx, which are not so beneficial

- <https://www.dataprise.com/resources/blog/iaas-benefits>

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## Question 24

Unattempted

**Domain:** Infrastructure and Application Modernization with Google Cloud

Which of the below-listed ways cannot be used to connect to the services and resources hosted in the Google Cloud platform?

- A. Cloud SDK
- B. Cloud Shell
- C. Google Cloud Console
- D. Google Management Console ✓ right

### Explanation:

**Correct Answer: D**

There are three basic ways to interact and connect with the services and resources hosted in Google Cloud Platform.

1. Google Cloud Console
2. Command Line Interface (includes Cloud SDK and Cloud Shell)
3. Client Libraries



“Google Management Console” is an invalid option.

- **Option A is incorrect** as Cloud SDK is an excellent way to interact and connect with the services and resources hosted in the Google Cloud Platform.
  - **Option B is incorrect** as Cloud Shell is an excellent way to interact and connect with the services and resources hosted in the Google Cloud Platform.
  - **Option C is incorrect** as Google Cloud Console is an excellent way to interact and connect with the services and resources hosted in the Google Cloud Platform.
  - **Option D is correct** as “Google Management Console” is an invalid option.
- [https://cloud.google.com/docs/overview#ways\\_to\\_interact\\_with\\_the\\_services](https://cloud.google.com/docs/overview#ways_to_interact_with_the_services)

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## Question 25

Unattempted

Domain: Introduction to Digital Transformation with Google Cloud

Google Cloud infrastructure is available globally. The presence of Google Cloud infrastructure is in multiple locations across various continents.

Which of the below continents currently does NOT have Google Cloud infrastructure services available?

- A. North America
- B. South America

- C. Europe
- D. Asia
- E. Australia
- F. Africa ✓ right

### Explanation:

Correct Answer: F

Google Cloud infrastructure services are available in:

1. North America,
  2. South America,
  3. Europe,
  4. Asia,
  5. Australia
- <https://cloud.google.com/docs/geography-and-regions> (Refer to “Geography and regions”)

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Question 26

Unattempted



Domain: Introduction to Digital Transformation with Google Cloud

Static external IP addresses are:

- A. Global resource
- B. Regional resource
- C. Zonal resource
- D. Either A or B ✓ right

## Explanation:

Correct Answer: D

Static external IP addresses can be either a regional or a global resource. A regional static IP address lets resources of that region or resources of zones within that region use the IP address. In this case, VM instances and regional forwarding rules can use a regional static IP address.

Global static external IP addresses are available only to global forwarding rules, which are used for [global load balancing](#). You can not assign a global IP address to a regional or zonal resource like a Compute Engine instance.

- **Option A is incorrect.** Static external IP addresses can be regional resources also.
- **Option B is incorrect.** Static external IP addresses can be global resources also.
- **Option C is incorrect.** VM instances and disks are examples of Zonal resources.
- **Option D is correct** because a Static external IP address can be either a regional or a global resource.

## Reference:

- <https://cloud.google.com/compute/docs/ip-addresses>

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## Question 27

Unattempted

Domain: Introduction to Digital Transformation with Google Cloud

Below identifiers are part of each Google Cloud project and are used in certain command lines and API calls:

- Project name
- Project ID
- Project number

Which of the statements below regarding “Project number” is correct?

- A. Customer can only provide “project number”.
- B. “Project number” can be provided by either the customer or Google.
- C. Google can only provide “project number”. ✓ right
- D. Project number and Project ID are the same identifier.

### Explanation:

Correct Answer: C

- **Option A is incorrect.** Project number can be provided only by Google. Hence, this option is incorrect.
- **Option B is incorrect.** Project number can be provided only by Google. Hence, this option is incorrect.
- **Option C is correct.** Project number can be provided only by Google.
- **Option D is incorrect.** Project number and Project ID are different identifiers. Project ID can also be provided by either Google or by Customer.
- <https://cloud.google.com/docs/overview#projects>

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## Question 28

Unattempted

**Domain:** Introduction to Digital Transformation with Google Cloud

A crowdsourcing platform is looking forward to hosting its applications and services on Google Cloud. Before onboarding the applications and services on Google Cloud, they have expressed an intention to estimate the total cost that they will incur for running their workload on Google Cloud.

What would you suggest to them for getting this estimation immediately?

- A. Browse Pricing list for Individual service
- B. Use Pricing Calculator ✓ right
- C. Contact Google Support
- D. Contact Your Google Account Manager



## Explanation:

### Correct Answer: B

- **Option A is incorrect.** This option requires manual effort. Hence, this is not a good choice provided that Google provides a “Pricing Calculator”.
- **Option B is correct.** This is the best way to get the estimation. Google pricing calculator is free of cost and can be accessed by anyone.
- **Option C is incorrect.** Yes, this is an option provided by Google. However, a pricing calculator will be a good choice as it will give the estimate immediately. Hence, it is a better option to choose.
- **Option D is incorrect.** Google Account Manager contact is available only with certain Google Support plans. Since the scenario does not mention if the customer has a Google Support plan, this option is not correct.
- <https://cloud.google.com/docs/overview#pricing>

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### Question 29

Unattempted

**Domain:** Introduction to Digital Transformation with Google Cloud

You are asked to deploy applications so that they are fault-tolerant and highly available. Since the customers are based only in India, you plan to use only one region.

Which deployment area within a region would you use to deploy the applications?

A. Zone ✓ right



- B. Datacenter
- C. Sub-Region
- D. Datazone

### Explanation:

Correct Answer: A

- **Option A is correct.** Zones are a deployment area within a region, and Zones can be utilized for deploying applications in a way that they are fault-tolerant and highly available.
- **Option B is incorrect.** If an application is deployed in a particular data center, and the data center is impacted by, say power failure or some calamity, the application would also go down. Hence, opting for a data center would not be the right choice.
- **Option C is incorrect.** Sub-Region is an invalid option.
- **Option D is incorrect.** Datazone is an invalid option.
- [https://cloud.google.com/docs/geography-and-regions#regions\\_and\\_zones](https://cloud.google.com/docs/geography-and-regions#regions_and_zones)

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### Question 30

Unattempted

Domain: Introduction to Digital Transformation with Google Cloud

Which of the below listed is a Zonal resource and not a Multiregional resource?

- A. Compute Engine virtual machines ✓ right
- B. Cloud Storage
- C. Datastore
- D. Firestore

---

### Explanation:

**Correct Answer: A**

- **Option A is correct.** Compute Engine virtual machines are Zonal resources, and customers can manage redundancy across zones or regions on their own if required.
  - **Option B is incorrect.** Cloud Storage is a Multiregional resource.
  - **Option C is incorrect.** Datastore is a Multiregional resource.
  - **Option D is incorrect.** Firestore is a Multiregional resource.
- <https://cloud.google.com/compute>
  - <https://cloud.google.com/storage>
  - <https://cloud.google.com/datastore>
  - <https://cloud.google.com/firestore>

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**Question 31****Unattempted****Domain:** Infrastructure and Application Modernization with Google Cloud

You are working on designing a solution that requires you to build an application that has disaster recovery capability and can withstand the loss of an entire region.

Identify the strategy that is not suitable for implementing this solution.

- A. Use multiregional storage services.
- B. Use a zonal resource, but snapshot data to a multiregional resource.
- C. Use a zonal resource but manage own data replication to other regions as required.
- D. Use a managed zonal resource. ✓ right

---

**Explanation:****Correct Answer:** D

- **Option A is incorrect.** Since you are using multiregional storage services, the application can withstand the loss of an entire region.
  - **Option B is incorrect.** Since you are taking a snapshot of data to a multiregional resource, the application can withstand the loss of an entire region.
  - **Option C is incorrect.** Although zonal resources are being used, data replication is being done to other regions. The application can withstand the loss of an entire region.
  - **Option D is correct.** Using “zonal resources only” will not be ideal as the application, in this case, will not be able to sustain regional failure.
- [https://cloud.google.com/docs/geography-and-regions#application\\_deployment\\_considerations](https://cloud.google.com/docs/geography-and-regions#application_deployment_considerations)

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## Question 32

Unattempted

Domain: Introduction to Digital Transformation with Google Cloud

As part of the project requirement, your team is working on attaching a VM instance to a zonal persistent disk.

Which of the below statements is TRUE with regards to the resources mentioned in the above scenario?

- A. VM instance and zonal persistent disk should be in the same Zone. ✓ right
- B. VM instance and zonal persistent disk should be in different Zones.
- C. VM instance and zonal persistent disk are Regional resources and should be in the same Zone.
- D. VM instance and zonal persistent disk are Global resources and should be in the same Zone.

## Explanation:

Correct Answer: A

- **Option A is correct.** Since VM instance and zonal persistent disk are Zonal resources and should be in the same Zone.
- **Option B is incorrect.** Please refer to the explanation above.
- **Option C is incorrect.** VM instance and zonal persistent disk are Zonal resources and not Regional resources.
- **Option D is incorrect.** VM instance and zonal persistent disks are Zonal resources and not Global resources.

- <https://cloud.google.com/compute/docs/regions-zones>

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### Question 33

Unattempted

Domain: Introduction to Digital Transformation with Google Cloud

Which of the below defines a Region appropriately?

- A. Collection of Data Centers is Region.
- B. There is One Zone per Region.
- C. Collection of Zones is Region. ✓ right
- D. There is One Data Center per Region.

### Explanation:

Correct Answer: C

- **Option A is incorrect.** Regions consist of Zones, and Zones consist of Data Centers.
- **Option B is incorrect.** A Region can have multiple Zones.
- **Option C is correct.** This statement correctly defines a Region.
- **Option D is incorrect.** A Region comprises one or more Zones. Regions consist of Zones, and Zones consist of Data Centers.

- [https://cloud.google.com/compute/docs/regions-zones#identifying\\_a\\_region\\_or\\_zone](https://cloud.google.com/compute/docs/regions-zones#identifying_a_region_or_zone)

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### Question 34

Unattempted

**Domain:** Infrastructure and Application Modernization with Google Cloud

As part of the AppDynamics onboarding project, your team member is creating an Instance in a project.

Which of the below listed cannot be specified by the team member specifically while creating an Instance in a project?

- A. Zone
- B. Operating System
- C. Instance Machine type
- D. Instance Metadata ✓ right

### Explanation:

**Correct Answer: D**

- **Option A is incorrect.** While creating an Instance in a project, Zone shall be provided.
- **Option B is incorrect.** While creating an Instance in a project, an Operating System shall be provided.
- **Option C is incorrect.** While creating an Instance in a project, an Instance machine type shall be provided.

- **Option D is Correct.** While creating an Instance in a project, Instance metadata is not required to be provided.
- <https://cloud.google.com/compute/docs/metadata/overview> (More details on Instance Metadata)
- [https://cloud.google.com/compute/docs/instances#instances\\_and\\_projects](https://cloud.google.com/compute/docs/instances#instances_and_projects)

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### Question 35

Unattempted

Domain: Introduction to Digital Transformation with Google Cloud

A financial organization is working on building an application for its Wealth Management department and requires to store data locally. Given the nature of the data, it is decided that the data should be stored locally on block storage.

Which of the Google Cloud Platform storage offerings for instances provides “Local Block Storage”?

- A. Filestore
- B. Regional persistent disk
- C. Local SSD ✓ right
- D. Cloud Storage buckets

### Explanation:

Correct Answer: C

- **Option A is incorrect.** Filestore helps provide Google Cloud users with a file storage option, not a block storage option.

- **Option B is incorrect.** Regional persistent disks provide block storage replicated in two zones. The scenario requires a solution that is local block storage.
  - **Option C is Correct.** Local SSD is the correct option as Local SSD provides local block storage.
  - **Option D is incorrect.** Cloud Storage buckets are incorrect as Cloud Storage Buckets provide Object storage.
- <https://cloud.google.com/firestore>
  - <https://cloud.google.com/compute/docs/disks#repds>
  - <https://cloud.google.com/compute/docs/disks#localssds>
  - <https://cloud.google.com/compute/docs/disks#gcsbuckets>

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### Question 36

Unattempted

**Domain:** Introduction to Digital Transformation with Google Cloud

Google Cloud provides multiple options for storage that include storage options of File, Object and Block.

As per the requirement from your client which is a leading financial organization, you need to propose your client a storage option that is suitable for Block Storage.

Which of the listed below are suitable for Block Storage?

(Choose 2)

A. Zonal persistent disk ✓ right

- B. Local SSD ✓ right
- C. Cloud Storage buckets
- D. Filestore

### Explanation:

#### Correct Answers: A and B

- Option A is correct. Zonal persistent disk is suitable for block storage.
  - Option B is correct. Local SSD is suitable for block storage.
  - Option C is incorrect. Cloud Storage buckets are suitable for object storage.
  - Option D is incorrect. Filestore is suitable for file storage.
- <https://cloud.google.com/compute/docs/disks#pdspecs>
  - <https://cloud.google.com/compute/docs/disks#localssds>
  - <https://cloud.google.com/compute/docs/disks#gcsbuckets>
  - <https://cloud.google.com/filestore/docs/mounting-fileshares>

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### Question 37

[Unattempted](#)

Domain: Introduction to Digital Transformation with Google Cloud

Your team needs to run gcloud commands to manage the Google Cloud resources. Please identify the proper ways to run gcloud commands?

(Choose 2)

- A. Cloud SDK ✓ right
- B. Cloud Shell ✓ right
- C. Cloud Console
- D. Gcloud Console
- E. Gshell

---

### Explanation:

**Correct Answers: A and B**

- **Option A is correct.** Gcloud commands could be run using Cloud SDK.
  - **Option B is correct.** Gcloud commands could be run using Cloud Shell.
  - **Option C is incorrect.** Google Cloud Console is a web-based GUI for managing Google Cloud resources.
  - **Option D is incorrect.** Gcloud Console is an invalid option.
  - **Option E is Incorrect.** Gshell is an invalid option.
- <https://cloud.google.com/docs/overview#google-cloud-console>
  - [https://cloud.google.com/docs/overview#command-line\\_interface](https://cloud.google.com/docs/overview#command-line_interface)

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### Question 38

Unattempted

**Domain:** Introduction to Digital Transformation with Google Cloud

Your client, a financial organization, has commissioned a project which requires you to use Google Cloud along with their own data center.

The client specifically wants the applications to be hosted on their own data center and Google Cloud to be leveraged only if an additional space requirement comes up.

Which Cloud Hosting model would you implement?

- A. Public Cloud
- B. Private Cloud
- C. Hybrid Cloud ✓ right
- D. Gcloud extension

### Explanation:

**Correct Answer: C**

- **Option A is incorrect.** Applications are hosted purely on the Public Cloud, not on the client datacenters in the Public Cloud model. Hence, this option is incorrect.
- **Option B is incorrect.** Applications will be hosted purely on the Private Cloud of the organization in the Private Cloud model.

- **Option C is correct.** A combination of the Private and Public Cloud model is known as the Hybrid Cloud model. In the given scenario, as the requirement states, the client requires this combination. Hence, the option to use Hybrid Cloud is correct.
- **Option D is incorrect.** Gcloud extension is an invalid option.
- [https://en.wikipedia.org/wiki/Cloud\\_computing#Private\\_cloud](https://en.wikipedia.org/wiki/Cloud_computing#Private_cloud)
- [https://en.wikipedia.org/wiki/Cloud\\_computing#Public\\_cloud](https://en.wikipedia.org/wiki/Cloud_computing#Public_cloud)
- [https://en.wikipedia.org/wiki/Cloud\\_computing#Hybrid\\_cloud](https://en.wikipedia.org/wiki/Cloud_computing#Hybrid_cloud)

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### Question 39

Unattempted

**Domain:** Introduction to Digital Transformation with Google Cloud

You are a Senior Project Manager working on a Request for Proposal (RFP). Architects have completed the high-level architecture of the proposed solution. In addition, this proposed solution includes a section that details how the implementation will ensure that the client application and data will be available in case of unavailability of a particular data center.

How will you put this section in your RFP?

- A. Highlight this as a “Business Continuity Plan.” ✓ right
- B. Highlight this as “Proactive Monitoring.”
- C. Highlight this as a “Continuous Improvement Plan.”
- D. Highlight this as an “Automation” section.



## Explanation:

### Correct Answer: A

- **Option A is correct.** As this part of the solution details how the application and data will be available in case of unavailability of a particular data center, we will need to highlight this as a Business Continuity Plan.
- **Option B is incorrect.** Proactive monitoring is the continuous monitoring of various alerts and monitoring application behavior to identify any potential problem. In the given scenario, the solution discusses ensuring business continuity in case of a particular data center unavailability.
- **Option C is incorrect.** The Continuous Improvement Plan details efforts to improve ongoing services that are being provided.
- **Option D is incorrect.** Automation plan details the plans of automation to be implemented and not on Business continuity.

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### Question 40

Unattempted

**Domain:** Introduction to Digital Transformation with Google Cloud

A ride-sharing startup is planning to onboard its applications to Google Cloud. The company has invested heavily in servers of premium configuration and has to incur high costs for maintaining these. The company needs servers of premium configuration primarily for days when the demand is heavy. However, these servers are partly utilized during other days.

Which feature of cloud computing will help the company reduce its cost and cater to the users without impacting the performance by automatically expanding or compressing the resources as per requirement?

A. Elasticity ✓ right

- B. Economies of scale
- C. Scalability
- D. Pay as you go

### Explanation:

Correct Answer: A

- **Option A is correct.** Elasticity is the ability of Cloud computing to meet workload spike-up and spike-down for a short period of time.
  - **Option B is incorrect.** Public Cloud providers help the organizations to save high costs as the Public Cloud providers purchase infrastructure at lower costs.
  - **Option C is incorrect.** Scalability is the ability of cloud computing that helps serve consistently increased workloads.
  - **Option D is incorrect.** Pay as you go is a model that enables customers to pay for the resources per resource usage.
- <https://www.geeksforgeeks.org/scalability-and-elasticity-in-cloud-computing/>
- <https://www.oreilly.com/library/view/cloudonomics-the-business/9781118282885/xhtml/sec24.html>

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Question 41

Unattempted

Domain: Innovating with Data and Google Cloud



A startup is working on implementing a fraud detection solution to be used by the customer care agents of financial institutions.

Once the solution is implemented, the customer care operators would be assisted by providing real-time assistance based on the identification of the intent of the caller.

Which Google Cloud conversational AI offering would be best suited to be used in this solution?

- A. Text-to-Speech
- B. Speech-to-Text
- C. Agent Assist ✓ right
- D. Dialogflow

---

### Explanation:

**Correct Answer: C**

The solution to be implemented is a fraud detection solution, and the implemented solution identifies the intent of the caller to assist the customer care agent.

- **Option A is incorrect.** Text-to-Speech uses ML to convert text to natural-sounding speech.
  - **Option B is incorrect.** Speech-to-Text uses ML to convert speech to text.
  - **Option C is correct.** Agent assist helps the customer care agents by providing real-time assistance by identifying intent during calls.
  - **Option D is incorrect.** Dialogflow helps to build conversational interfaces, which could be voice or text-based.
- <https://cloud.google.com/text-to-speech/docs>
  - <https://cloud.google.com/speech-to-text/docs>



- <https://cloud.google.com/dialogflow/docs>
- <https://cloud.google.com/agent-assist/docs>

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## Question 42

Unattempted

Domain: Understanding Google Cloud Security and Operations

A fully-managed database service offering from Google, Cloud SQL, helps customers set up relational databases on Google Cloud Platform and maintain, manage and administer the same.

Which of the below-listed databases cannot be used with Cloud SQL?

- A. MySQL
- B. PostgreSQL
- C. SQL Server
- D. Oracle ✓ right

### Explanation:

Correct Answer: D

- Option A is incorrect. Cloud SQL supports MySQL.
- Option B is incorrect. Cloud SQL supports PostgreSQL.

- Option C is incorrect. Cloud SQL supports SQL Server.
- Option D is correct. Cloud SQL does not support Oracle.
- <https://cloud.google.com/sql>

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### Question 43

Unattempted

Domain: Infrastructure and Application Modernization with Google Cloud

You are working on implementing a solution that requires you to use a scalable, no-maintenance and serverless document database.

Which of the below Google Cloud products would you use?

- A. Firestore ✓ right
- B. Cloud Spanner
- C. Memorystore
- D. Cloud Bigtable

### Explanation:

Correct Answer: A



- **Option A is correct.** Firestore is a Google product that is scalable, requires no maintenance, and it is a serverless document database.
  - **Option B is incorrect.** Cloud Spanner is incorrect because it is a relational database service, not a document database.
  - **Option C is incorrect.** Memorystore, also known as Memorystore for Redis, is a fully managed Google's in-memory data store service.
  - **Option D is incorrect.** Cloud Bigtable is a big data database service, not a document database.
- <https://cloud.google.com/firestore>
  - <https://cloud.google.com/spanner/docs>
  - <https://cloud.google.com/memorystore/docs/redis>
  - <https://cloud.google.com/bigtable/docs>

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#### Question 44

Unattempted

Domain: Innovating with Data and Google Cloud

For which of the below-given scenarios would you prefer to use filestore?

- A. Serving website content
- B. Storing data for archival and disaster recovery
- C. Using direct download to distribute large data objects to users

## D. Applications running on Google Kubernetes Engine clusters ✓ right

### Explanation:

Correct Answer: D

- **Option A is incorrect.** Cloud storage will be best suited for being used to serve the website content.
  - **Option B is incorrect.** Cloud storage will be a good choice for storing data for archival and disaster recovery.
  - **Option C is incorrect.** Cloud storage would be a good choice for distributing large data objects to users using direct download.
  - **Option D is Correct.** Fully managed NFS file servers on Google Cloud, filestore are ideal for applications running on Google Kubernetes Engine clusters.
- <https://cloud.google.com/storage/docs>
- <https://cloud.google.com/filestore/docs>

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### Question 45

Unattempted

Domain: Understanding Google Cloud Security and Operations

Your client, a newly set up startup company, wants to opt for the cheapest customer care support plan that provides phone support for billing issues.

Which support plan would you suggest to your client ensuring that the proposed plan is the most cost-efficient?

A. Basic Support ✓ right

B. Standard Support

C. Enhanced Support

D. Premium Support

## Explanation:

Correct Answer: A

- **Option A is correct.** Basic support from Google Cloud provides phone support for billing issues only along with case and chat support. Basic support is included with Google Cloud subscription, and there are no additional charges. Hence, this is the correct choice.
- **Option B is incorrect.** Although Standard support provides phone support for billing issues, it's an incorrect choice since it is a paid plan. The scenario wants us to identify the most cost-efficient support plan.
- **Option C is incorrect.** Although Enhanced support provides phone support for billing issues, it's an incorrect choice since it is a paid plan. The scenario wants us to identify the most cost-efficient support plan.
- **Option D is incorrect.** Although Premium support provides phone support for billing issues, it's an incorrect choice since it is a paid plan. The scenario wants us to identify the most cost-efficient support plan.
- <https://cloud.google.com/support>

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**Question 46****Unattempted****Domain:** Understanding Google Cloud Security and Operations

A leading financial giant with its presence in multiple countries across the globe is using Google Cloud. To further strengthen the security of the customer data, the organization has decided to implement some Google Cloud products that can help prevent its data from network-based volumetric distributed denial-of-service (DDoS) attacks.

Which Google Cloud offering would you suggest using for this purpose?

- A. Google Cloud Armor ✓ right
- B. Network Intelligence Center
- C. Cloud Shield
- D. Cloud Identity

---

**Explanation:****Correct Answer: A**

- **Option A is correct.** Google Cloud Armor protects infrastructure and applications network and/or protocol-based DDoS attacks and application attacks.
  - **Option B is incorrect.** Network Intelligence Center provides a console for easy management of Google Cloud network visibility, monitoring, and troubleshooting.
  - **Option C is incorrect.** Cloud Shield is incorrect and is not a Google Cloud product.
  - **Option D is incorrect.** Cloud Identity is an API that facilitates the provisioning and management of identity resources.
- <https://cloud.google.com/armor/docs>
  - <https://cloud.google.com/network-intelligence-center/docs>

- <https://cloud.google.com/identity/docs>

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### Question 47

Unattempted

**Domain:** Understanding Google Cloud Security and Operations

For which of the below use-case will you not use IAP (Identity Aware Proxy)?

- A. Requirement of enforcing access control policies for applications and resources.
- B. While working with signed headers to secure the app.
- C. When setting up group-based application access
- D. Providing richer access controls to protect access to secure systems by using an end-user request and ensuring each request is authenticated and authorized. ✓ right

### Explanation:

**Correct Answer: D**

- **Option A is incorrect.** Identity Aware Proxy is suitable for the requirements that enforce access control policies for applications and resources.
- **Option B is incorrect.** Identity Aware Proxy is suitable to be used while working with signed headers to secure the app.
- **Option C is incorrect.** Identity Aware Proxy is suitable to be used when setting up group-based application access.



- **Option D is correct.** In this scenario, we should use BeyondCorp Enterprise instead of Identity Aware Proxy.
- [https://cloud.google.com/iap/docs/concepts-overview#when\\_to\\_use\\_iap](https://cloud.google.com/iap/docs/concepts-overview#when_to_use_iap)
- <https://cloud.google.com/beyondcorp-enterprise/docs/overview>

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## Question 48

Unattempted

**Domain:** Innovating with Data and Google Cloud

Which of the below is not a serverless Google Cloud product?

- A. Cloud Run
- B. Knative
- C. Eventarc
- D. Filestore ✓ right

## Explanation:

**Correct Answer: D**

- **Option A is incorrect.** Cloud Run is a serverless offering from Google Cloud.
- **Option B is incorrect.** Knative is a serverless offering from Google Cloud.

- **Option C is incorrect.** Eventarc is a serverless offering from Google Cloud.
- **Option D is correct.** Filestore is a storage offering from Google Cloud, not a serverless offering.
- <https://cloud.google.com/run/docs>
- <https://github.com/knative/docs/blob/main/README.md>
- <https://cloud.google.com/eventarc/docs>
- <https://cloud.google.com/filestore/docs>

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### Question 49

Unattempted

**Domain:** Innovating with Data and Google Cloud

You are required to perform a data transfer for 100 TBs of data from a cloud provider to the Google cloud platform.

Which of the below listed will you prefer to use for this purpose?

- A. Transfer Appliance
- B. Cloud Storage Transfer Service ✓ right
- C. File Storage
- D. None of the above

### Explanation:

**Correct Answer: B**

- **Option A is incorrect.** As this scenario talks about moving 100s of TBs, it is good to use Cloud Storage Transfer Service. Transfer Appliance is a good choice when we are moving 100s of Terabytes to Petabytes of data.
  - **Option B is correct.** As this scenario talks about moving 100s of TBs, it is good to use Cloud Storage Transfer Service.
  - **Option C is incorrect.** Fully managed NFS file servers on Google Cloud, filestore, are ideal for applications running on Google Kubernetes Engine clusters.
  - **Option D is incorrect.** Because ideally, you should use Cloud Storage Transfer Service.
- <https://cloud.google.com/transfer-appliance/docs/4.0>
  - <https://cloud.google.com/storage-transfer/docs/overview>
  - <https://cloud.google.com/filestore/docs>

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**Question 50**

Unattempted

**Domain:** Innovating with Data and Google Cloud

Your team is looking for the most suitable storage for web asset libraries and images. In addition to this, the team also looks forward to using the selected storage as a data lake.

Which is the best choice for this purpose?

 A. Cloud storage for firebase

- B. Cloud storage ✓ right
- C. Any of A or B
- D. None of A or B

## Explanation:

### Correct Answer: B

- **Option A is incorrect.** Cloud storage for firebase will be a good choice when looking for scalable storage of user-generated content from the app.
  - **Option B is Correct.** Cloud storage is an object storage optimal for:
    1. Stream videos
    2. Image and web asset libraries
    3. Data lakes
  - **Option C is incorrect.** Refer to the explanation above. Cloud storage for firebase is an incorrect choice.
  - **Option D is incorrect.** Refer to the explanation above. Cloud storage is the correct choice.
- <https://firebase.google.com/products/storage/>
  - <https://cloud.google.com/storage>

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**Question 51**

Unattempted

**Domain:** Introduction to Digital Transformation with Google Cloud

Which of the below disk types is not backed by Solid State Drives (SSD)?

- A. Standard persistent disks (pd-standard) ✓ right
- B. Balanced persistent disks (pd-balanced)
- C. SSD persistent disks (pd-ssd)
- D. Extreme persistent disks (pd-extreme)

**Explanation:****Correct Answer: A**

- **Option A is correct.** Standard persistent disks (pd-standard) are backed by HDD (standard Hard Disk Drive). Hence, this option is Correct.
- **Option B is incorrect.** Balanced persistent disks (pd-balanced) are backed by solid-state drives (SSD).
- **Option C is incorrect.** SSD persistent disks (pd-ssd) are backed by solid-state drives (SSD).
- **Option D is incorrect.** Extreme persistent disks (pd-extreme) are backed by solid-state drives (SSD).
- <https://cloud.google.com/compute/docs/disks#disk-types>

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**Question 52****Unattempted****Domain:** Understanding Google Cloud Security and Operations

Which developer tool offering from Google Cloud will help you centrally store artifacts and Secure your container software supply chain?

- A. Container Registry
- B. Cloud Code
- C. Artifact Registry ✓ right
- D. Cloud Source Repositories

**Explanation:****Correct Answer: C**

- **Option A is incorrect.** Container Registry is used for storing private container images.
  - **Option B is incorrect.** Cloud Code provides an integrated development environment for developing Kubernetes and Cloud Run applications.
  - **Option C is correct.** Artifact Registry is a developer tool offering from Google Cloud that enables customers to store artifacts centrally and secure the container software supply chain.
  - **Option D is incorrect.** Cloud Source Repositories are private git hosted on Google Cloud.
- <https://cloud.google.com/container-registry/docs>
  - <https://cloud.google.com/code/docs>
  - <https://cloud.google.com/artifact-registry/docs/overview>
  - <https://cloud.google.com/source-repositories/docs>

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### Question 53

Unattempted

Domain: Understanding Google Cloud Security and Operations

An organization has multiple network administrative domains which need to communicate using internal IP addresses. To facilitate this, you asked your team to do VPC network peering.

Which of the below is not an advantage of using VPC Network Peering over using VPNs to connect networks?

- A. Lower network latency over using VPNs to connect networks.
- B. Improved Network Security
- C. Reduced Network Cost because of the use of External IP addresses ✓ right
- D. Reduced Network Cost because of the use of Internal IP addresses

### Explanation:

Correct Answer: C

- **Option A is incorrect.** Lower network latency over VPNs to connect networks is an advantage.
- **Option B is incorrect.** Improved Network Security is an advantage.
- **Option C is correct** because VPC peering does not reduce cost if it uses External IP addresses. Hence it is a disadvantage.

- Option D is incorrect because VPC peering reduces cost, as it uses Internal IP addresses. It is an advantage.

**Reference:**

- <https://cloud.google.com/vpc/docs/vpc-peering>

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**Question 54**

Unattempted

Domain: Introduction to Digital Transformation with Google Cloud

Which of the below is a managed Google Cloud solution for storing and accessing healthcare data?

- A. Cloud Medical API
- B. Cloud Healthcare API ✓ right
- C. Cloud Life Sciences
- D. Cloud Health API

**Explanation:****Correct Answer: B**

- Option A is incorrect. Cloud Medical API is an invalid option.
- Option B is correct. Cloud Healthcare API provides a managed Google Cloud solution for storing and accessing healthcare data.

- **Option C is incorrect.** Cloud Life Sciences is a suite of tools and services for life sciences data.
- **Option D is incorrect.** Cloud Health API is an Invalid option.

**Reference:**

- <https://cloud.google.com/healthcare/docs>
- <https://cloud.google.com/life-sciences/docs>

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**Question 55**

Unattempted

Domain: Understanding Google Cloud Security and Operations

You are working on a project that involves sensitive data. Which fully managed service can help customers in discovering, classifying and protecting this sensitive data?

- A. Cloud Data Loss Prevention ✓ right
- B. Cloud Data Manager
- C. Cloud Data Explorer
- D. Any of option B or option C

**Explanation:****Correct Answer: A**

- **Option A is correct.** Cloud Data Loss Prevention is a fully managed service that can help customers discover, classify and protect this sensitive data.
- **Option B is incorrect.** Cloud Data Manager is an Invalid option.
- **Option C is incorrect.** Cloud Data Explorer is an Invalid option.
- **Option D is incorrect.** Refer to explanations for Option B and Option C above.
- <https://cloud.google.com/dlp>

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