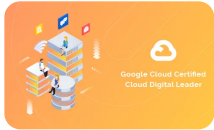Home / Dashboard / My Courses / Google Cloud Certified Cloud Digital Leader / Free Test / **Report**

Level: Beginner

Google Cloud Certified Cloud Digital Leader

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Free Test - **Practice Mode**

Completed on **Thu, 25 Aug 2022**

1st
Attempt

0/20
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Time Taken

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Result

Domain wise Quiz Performance Report

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

No.	Domain	Total Question	Correct	Incorrect	Unattempted	Marked for Review
3	Introduction to Digital Transformation with Google Cloud	3	0	0	3	0
4	Understanding Google Cloud Security and Operations	4	0	0	4	0
Total	All Domains	20	0	0	20	0

Review the Answers

Filter By   All Questions ▼

Question 1	Unattempted

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

---

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

Unattempted

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   Unattempted

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

○ 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

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Question 5   Unattempted

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

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   Unattempted

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**

⚪ **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   Unattempted

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   Unattempted

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**

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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Did you like this **Question?**   👍 👎

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, scalabiity 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

Domain: Understanding Google Cloud Security and Operations

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   Unattempted

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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