



Free Questions for *Cloud-Digital-Leader* by *certscare*

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Question 1

Question Type: MultipleChoice

Which policy helps Google Cloud keep customer data private?

Options:

- A- Google tests the service availability of customer applications.
- B- Google does not use customer data for advertising purposes.
- C- Google migrates customer data to an offline server when a threat is detected.
- D- Google does not allow customers to change encryption keys.

Answer:

B

Question 2

Question Type: MultipleChoice

An organization has an on-premises IT infrastructure. Their customer-facing application repeatedly fails during peak usage.

What could be causing this issue?

Options:

- A- A serverless compute function struggles to scale.
- B- The application contains unclean data.
- C- They don't have enough servers to meet the demand.
- D- The application is only configurable on-premises.

Answer:

C

Question 3

Question Type: MultipleChoice

What is artificial intelligence?

Options:

- A- Any system that ingests data in real time
- B- Any system that automatically structures data
- C- Any system capable of a task that requires smart analytics to generate predictions
- D- Any system capable of a task that normally requires human cognition

Answer:

D

Question 4

Question Type: MultipleChoice

What does Cloud Logging help an organization do?

Options:

- A- Analyze live source code and log code updates.

- B-** Deploy infrastructure as code.
- C-** Analyze logs and accelerate application troubleshooting.
- D-** Manage storage of custom VM images.

Answer:

C

Question 5

Question Type: MultipleChoice

An organization wants to write and run small pieces of code in a serverless way that respond to events like huge discounts.

Which Google Cloud compute solution should the organization use?

Options:

- A-** Google Kubernetes Engine
- B-** Cloud Functions

C- Bare Metal Solution

D- Compute Engine

Answer:

B

Question 6

Question Type: MultipleChoice

An organization wants to search hundreds of scanned documents for key information like dates, names, and other specific words.

Why should the organization use application programming interfaces (APIs)?

Options:

A- To replace the scanned documents with an online survey

B- To ingest data in real time and encrypt unmatched words

C- To create digital versions of the documents and locate key information

D- To transform the documents into unstructured data.

Answer:

D

Explanation:

The text from the PDF/scanned documents/images gets converted into JSON (unstructured file) which will be further used for search.

Question 7

Question Type: MultipleChoice

An organization wants to move from a tactical cloud adoption approach to a transformational approach.

How should they change their cloud security?

Options:

- A- Provide staff identities using only Google Cloud authentication.
- B- Provide multiple layers of network security using a zero-trust model.
- C- Emphasize strong perimeter security and trust in their private network.
- D- Emphasize three main Identity Access Management roles: owner, editor, and viewer.

Answer:

B

Explanation:

<https://www.crowdstrike.com/cybersecurity-101/zero-trust-security/>

Zero Trust is a security framework requiring all users, whether in or outside the organization's network, to be authenticated, authorized, and continuously validated for security configuration and posture before being granted or keeping access to applications and data

Question 8

Question Type: MultipleChoice

An organization is training a machine learning model to predict extreme weather events in their country.

How should they collect data to maximize prediction accuracy?

Options:

- A- Collect all weather data evenly across all cities
- B- Collect all weather data primarily from at-risk cities
- C- Collect extreme weather data evenly across all cities
- D- Collect extreme weather data primarily from at-risk cities

Answer:

A

Explanation:

Collect all weather data evenly across all cities. Mainly because it seems that the emphasis for data collection for ML is to make sure there are no holes in your data collection.

Question 9

Question Type: MultipleChoice

An organization wants to migrate legacy applications currently hosted in their data center to the cloud. The current architecture dictates that each application needs its own operating system (OS) instead of sharing an OS.

Which infrastructure solution should they choose?

Options:

- A- Virtual machines
- B- Open source
- C- Serverless computing
- D- Containers

Answer:

A

Explanation:

Virtual machines - you can install customized OS

Containers - about applications

Virtualization enables you to run multiple operating systems on the hardware of a single physical server, while containerization enables you to deploy multiple applications using the same operating system on a single virtual machine or server. Serverless computing would be no OS required and the open source operating system allows the use of code that is freely distributed and available to anyone and for commercial purposes such as Linux and Free BSD.

Question 10

Question Type: MultipleChoice

A food delivery service needs access to real-time menu information from all partner restaurants. They also need to share customer order information with the restaurants in real time.

What should the organization use?

Options:

- A- Site reliability engineering (SRE)
- B- An application programming interface (API)
- C- A customized machine learning model
- D- A multi-regional database

Answer:

B

Question 11

Question Type: MultipleChoice

An organization needs to run frequent updates for their business app.

Why should the organization use Google Kubernetes Engine (GKE)?

Options:

- A- Customer expectations can be adjusted without using marketing tools
- B- Seamless changes can be made without causing any application downtime.
- C- GKE handles version control seamlessly and out of the box
- D- GKE is well suited for all monolithic applications

Answer:

B

Explanation:

<https://cloud.google.com/architecture/migrating-a-monolithic-app-to-microservices-gke>

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