

Cloud-Digital-Leader Dumps

Google Cloud Digital Leader exam

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NEW QUESTION 1

Your multinational organization has servers running mission-critical workloads on its premises around the world. You want to be able to manage these workloads consistently and centrally, and you want to stop managing infrastructure.

What should your organization do?

- A. Migrate the workloads to a public cloud
- B. Migrate the workloads to a central office building
- C. Migrate the workloads to multiple local co-location facilities
- D. Migrate the workloads to multiple local private clouds

Answer: D

NEW QUESTION 2

Your organization needs to restrict access to a Cloud Storage bucket. Only employees who are based in Canada should be allowed to view the contents.

What is the most effective and efficient way to satisfy this requirement?

- A. Deploy the Cloud Storage bucket to a Google Cloud region in Canada
- B. Configure Google Cloud Armor to allow access to the bucket only from IP addresses based in Canada
- C. Give each employee who is based in Canada access to the bucket
- D. Create a group consisting of all Canada-based employees, and give the group access to the bucket

Answer: D

NEW QUESTION 3

You decide to migrate your on-premises environment to the cloud. You need to determine which resource components still need to be assigned ownership.

Which two functions are owned by a public cloud provider? (Choose two.)

- A. Hardware maintenance
- B. Infrastructure architecture
- C. Infrastructure deployment automation
- D. Hardware capacity management
- E. Fixing application security issues

Answer: AB

NEW QUESTION 4

You are a program manager within a Software as a Service (SaaS) company that offers rendering software for animation studios. Your team needs the ability to allow scenes to be scheduled at will and to be interrupted at any time to restart later. Any individual scene rendering takes less than 12 hours to complete, and there is no service-level agreement (SLA) for the completion time for all scenes. Results will be stored in a global Cloud Storage bucket. The compute resources are not bound to any single geographical location. This software needs to run on Google Cloud in a cost-optimized way.

What should you do?

- A. Deploy the application on Compute Engine using preemptible instances
- B. Develop the application so it can run in an unmanaged instance group
- C. Create a reservation for the minimum number of Compute Engine instances you will use
- D. Start more instances with fewer virtual centralized processing units (vCPUs) instead of fewer instances with more vCPUs

Answer: A

NEW QUESTION 5

Your organization is developing a mobile app and wants to select a fully featured cloud-based compute platform for it.

Which Google Cloud product or feature should your organization use?

- A. Google Kubernetes Engine
- B. Firebase
- C. Cloud Functions
- D. App Engine

Answer: B

NEW QUESTION 6

Your team is publishing research results and needs to make large amounts of data available to other researchers within the professional community and the public at minimum cost.

How should you host the data?

- A. Use a Cloud Storage bucket and enable "Requester Pays."
- B. Use a Cloud Storage bucket and provide Signed URLs for the data files.
- C. Use a Cloud Storage bucket and set up a Cloud Interconnect connection to allow access to the data.
- D. Host the data on-premise
- E. and set up a Cloud Interconnect connection to allow access to the data.

Answer: D

NEW QUESTION 7

Your organization needs to minimize how much it pays for data traffic from the Google network to the internet. What should your organization do?

- A. Choose the Standard network service tier.
- B. Choose the Premium network service tier.
- C. Deploy Cloud VPN.
- D. Deploy Cloud NAT.

Answer: C

NEW QUESTION 8

Your organization wants to migrate its data management solutions to Google Cloud because it needs to dynamically scale up or down and to run transactional SQL queries against historical data at scale. Which Google Cloud product or service should your organization use?

- A. BigQuery
- B. Cloud Bigtable
- C. Pub/Sub
- D. Cloud Spanner

Answer: D

NEW QUESTION 9

Your company security team manages access control to production systems using an LDAP directory group. How is this access control managed in the Google Cloud production project?

- A. Assign the proper role to the Service Account in the project's IAM Policy
- B. Grant each user the roles/iam.serviceAccountUser role on a service account that exists in the Google Group.
- C. Assign the proper role to the Google Group in the project's IAM Policy.
- D. Create the project in a folder with the same name as the LDAP directory group.

Answer: C

NEW QUESTION 10

You are a program manager for a team of developers who are building an event-driven application to allow users to follow one another's activities in the app. Each time a user adds himself as a follower of another user, a write occurs in the real-time database.

The developers will develop a lightweight piece of code that can respond to database writes and generate a notification to let the appropriate users know that they have gained new followers. The code should integrate with other cloud services such as Pub/Sub, Firebase, and Cloud APIs to streamline the orchestration process. The application requires a platform that automatically manages underlying infrastructure and scales to zero when there is no activity. Which primary compute resource should your developers select, given these requirements?

- A. Google Kubernetes Engine
- B. Cloud Functions
- C. App Engine flexible environment
- D. Compute Engine

Answer: B

NEW QUESTION 10

Your organization needs to analyze data in order to gather insights into its daily operations. You only want to pay for the data you store and the queries you perform. Which Google Cloud product should your organization choose for its data analytics warehouse?

- A. Cloud SQL
- B. Dataproc
- C. Cloud Spanner
- D. BigQuery

Answer: A

NEW QUESTION 11

How should a multinational organization that is migrating to Google Cloud consider security and privacy regulations to ensure that it is in compliance with global standards?

- A. Comply with data security and privacy regulations in each geographical region
- B. Comply with regional standards for data security and privacy, because they supersede all international regulations
- C. Comply with international standards for data security and privacy, because they supersede all regional regulations
- D. Comply with regional data security regulations, because they're more complex than privacy standards

Answer: C

NEW QUESTION 14

Your organization needs to plan its cloud infrastructure expenditures. Which should your organization do?

- A. Review cloud resource costs frequently, because costs change often based on use
- B. Review cloud resource costs annually as part of planning your organization's overall budget
- C. If your organization uses only cloud resources, infrastructure costs are no longer part of your overall budget
- D. Involve fewer people in cloud resource planning than your organization did for on-premises resource planning

Answer: B

NEW QUESTION 17

Your organization wants to run a container-based application on Google Cloud. This application is expected to increase in complexity. You have a security need for fine-grained control of traffic between the containers. You also have an operational need to exercise fine-grained control over the application's scaling policies. What Google Cloud product or feature should your organization use?

- A. Google Kubernetes Engine cluster
- B. App Engine
- C. Cloud Run
- D. Compute Engine virtual machines

Answer: C

NEW QUESTION 21

Your organization wants to be sure that its expenditures on cloud services are in line with the budget. Which two Google Cloud cost management features help your organization gain greater visibility into its cloud resource costs? (Choose two.)

- A. Billing dashboards
- B. Resource labels
- C. Sustained use discounts
- D. Financial governance policies
- E. Payments profile

Answer: BD

NEW QUESTION 25

Your manager wants to restrict communication of all virtual machines with internet access; with resources in another network; or with a resource outside Compute Engine. It is expected that different teams will create new folders and projects in the near future. How would you restrict all virtual machines from having an external IP address?

- A. Define an organization policy at the root organization node to restrict virtual machine instances from having an external IP address
- B. Define an organization policy on all existing folders to define a constraint to restrict virtual machine instances from having an external IP address
- C. Define an organization policy on all existing projects to restrict virtual machine instances from having an external IP address
- D. Communicate with the different teams and agree that each time a virtual machine is created, it must be configured without an external IP address

Answer: A

NEW QUESTION 30

Your organization is developing an application that will manage payments and online bank accounts located around the world. The most critical requirement for your database is that each transaction is handled consistently. Your organization anticipates almost unlimited growth in the amount of data stored. Which Google Cloud product should your organization choose?

- A. Cloud SQL
- B. Cloud Storage
- C. Firestore
- D. CloudSpanner

Answer: D

Explanation:

Features of Cloud Spanner

NEW QUESTION 33

Which Google Cloud service or feature lets you build machine learning models using Standard SQL and data in a data warehouse?

- A. BigQuery ML
- B. TensorFlow
- C. AutoML Tables
- D. Cloud Bigtable ML

Answer: A

Explanation:

BigQuery ML lets you create and execute machine learning models in BigQuery using standard SQL queries.

NEW QUESTION 36

Your company needs to segment Google Cloud resources used by each team from the others. The teams' efforts are changing frequently, and you need to reduce operational risk and maintain cost visibility. Which approach does Google recommend?

- A. One project per team.
- B. One organization per team.
- C. One project that contains all of each team's resources.
- D. One top-level folder per team.

Answer: A

NEW QUESTION 41

Your company has been using a shared facility for data storage and will be migrating to Google Cloud. One of the internal applications uses Linux custom images that need to be migrated.

Which Google Cloud product should you use to maintain the custom images?

- A. App Engine flexible environment
- B. Compute Engine
- C. App Engine standard environment
- D. Google Kubernetes Engine

Answer: B

NEW QUESTION 43

Your organization runs a distributed application in the Compute Engine virtual machines. Your organization needs redundancy, but it also needs extremely fast communication (less than 10 milliseconds) between the parts of the application in different virtual machines.

Where should your organization locate this virtual machines?

- A. In a single zone within a single region
- B. In different zones within a single region
- C. In multiple regions, using one zone per region
- D. In multiple regions, using multiple zones per region

Answer: A

NEW QUESTION 47

What is the difference between Standard and Coldline storage?

- A. Coldline storage is for data for which a slow transfer rate is acceptable.
- B. Standard and Coldline storage have different durability guarantees.
- C. Standard and Coldline storage use different APIs.
- D. Coldline storage is for infrequently accessed data.

Answer: D

NEW QUESTION 49

You are migrating workloads to the cloud. The goal of the migration is to serve customers worldwide as quickly as possible. According to local regulations, certain data is required to be stored in a specific geographic area, and it can be served worldwide. You need to design the architecture and deployment for your workloads.

What should you do?

- A. Select a public cloud provider that is only active in the required geographic area
- B. Select a private cloud provider that globally replicates data storage for fast data access
- C. Select a public cloud provider that guarantees data location in the required geographic area
- D. Select a private cloud provider that is only active in the required geographic area

Answer: D

Explanation:

Many companies choose private cloud over public cloud because private cloud is an easier way (or the only way) to meet their regulatory compliance requirements. Others choose private cloud because their workloads deal with confidential documents, intellectual property, personally identifiable information (PII), medical records, financial data, or other sensitive data.

NEW QUESTION 52

Your organization wants to predict the behavior of visitors to its public website. To do that, you have decided to build a machine learning model. Your team has database-related skills but only basic machine learning skills, and would like to use those database skills.

Which Google Cloud product or feature should your organization choose?

- A. BigQuery ML
- B. LookML
- C. TensorFlow
- D. Cloud SQL

Answer: A

NEW QUESTION 54

Your organization is releasing its first publicly available application in Google Cloud. The application is critical to your business and customers and requires a 2-hour SLA.

How should your organization set up support to minimize costs?

- A. Enroll in Premium Support
- B. Enroll in Enhanced Support
- C. Enroll in Standard Support
- D. Enroll in Basic Support

Answer: B

NEW QUESTION 59

Your organization is defining the resource hierarchy for its new application in Google Cloud. You need separate development and production environments. The

production environment will be deployed in Compute Engine in two regions. Which structure should your organization choose?

- A. Create a single project for all environment
- B. Use labels to segregate resources by environment.
- C. Create a single project for all environment
- D. Use tags to segregate resources by environment.
- E. Create one project for the development environment and one project for the production environment.
- F. Create two projects for the development environment and two projects for the production environment (one for each region).

Answer: D

NEW QUESTION 60

Your organization wants to migrate your on-premises environment to Google Cloud. The on-premises environment consists of containers and virtual machine instances. Which Google Cloud products can help to migrate the container images and the virtual machine disks?

- A. Compute Engine and Filestore
- B. Artifact Registry and Cloud Storage
- C. Dataflow and BigQuery
- D. Pub/Sub and Cloud Storage

Answer: A

NEW QUESTION 65

Your organization needs to build streaming data pipelines. You don't want to manage the individual servers that do the data processing in the pipelines. Instead, you want a managed service that will automatically scale with the amount of data to be processed.

Which Google Cloud product or feature should your organization choose?

- A. Pub/Sub
- B. Dataflow
- C. Data Catalog
- D. Dataprep by Trifacta

Answer: B

NEW QUESTION 67

Your organization needs to allow a production job to have access to a BigQuery dataset. The production job is running on a Compute Engine instance that is part of an instance group.

What should be included in the IAM Policy on the BigQuery dataset?

- A. The Compute Engine instance group
- B. The project that owns the Compute Engine instance
- C. The Compute Engine service account
- D. The Compute Engine instance

Answer: A

NEW QUESTION 69

Your organization is developing an application that will capture a large amount of data from millions of different sensor devices spread all around the world. Your organization needs a database that is suitable for worldwide, high-speed data storage of a large amount of unstructured data.

Which Google Cloud product should your organization choose?

- A. Firestore
- B. Cloud Data Fusion
- C. Cloud SQL
- D. Cloud Bigtable

Answer: D

NEW QUESTION 74

Your organization needs to establish private network connectivity between its on-premises network and its workloads running in Google Cloud. You need to be able to set up the connection as soon as possible.

Which Google Cloud product or feature should you use?

- A. Cloud Interconnect
- B. Direct Peering
- C. Cloud VPN
- D. Cloud CDN

Answer: A

Explanation:

Private Google Access for on-premises hosts provides a way for on-premises systems to connect to Google APIs and services by routing traffic through a Cloud VPN tunnel.

NEW QUESTION 78

Your organization offers public mobile apps and websites. You want to migrate to a Google Cloud-based solution for checking and maintaining your users' usernames and passwords and controlling their access to different resources based on their identity.

Which should your organization choose?

- A. VPN tunnels
- B. Identity Platform
- C. Compute Engine firewall rules
- D. Private Google Access

Answer: B

Explanation:

An identity platform is a modern solution for managing the identities of users and devices in a centralized fashion.

NEW QUESTION 82

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