

Cloud-Digital-Leader Dumps

Google Cloud Digital Leader exam

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NEW QUESTION 1

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 2

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 3

Your organization is running all its workloads in a private cloud on top of a hypervisor. Your organization has decided it wants to move to Google Cloud as quickly as possible. Your organization wants minimal changes to the current environment, while using the maximum amount of managed services Google offers. What should your organization do?

- A. Migrate the workloads to Google Cloud VMware Engine
- B. Migrate the workloads to Compute Engine
- C. Migrate the workloads to Bare Metal Solution
- D. Migrate the workloads to Google Kubernetes Engine

Answer: B

Explanation:

Migrate for Compute Engine enables you to lift and shift workloads at scale to Google Cloud Compute Engine with minimal changes and risk.

NEW QUESTION 4

Your organization needs to ensure that the Google Cloud resources of each of your departments are segregated from one another. Each department has several environments of its own: development, testing, and production. Which strategy should your organization choose?

- A. Create a project per department, and create a folder per environment in each project.
- B. Create a folder per department, and create a project per environment in each folder.
- C. Create a Cloud Identity domain per department, and create a project per environment in each domain.
- D. Create a Cloud Identity domain per environment, and create a project per department in each domain.

Answer: D

NEW QUESTION 5

Your company is running the majority of its workloads in a co-located data center. The workloads are running on virtual machines (VMs) on top of a hypervisor and use either Linux or Windows server editions. As part of your company's transformation strategy, you need to modernize workloads as much as possible by adopting cloud-native technologies. You need to migrate the workloads into Google Cloud. What should you do?

- A. Export the VMs into VMDK format, and import them into Compute Engine
- B. Export the VMs into VMDK format, and import them into Google Cloud VMware Engine
- C. Migrate the workloads using Migrate for Compute Engine
- D. Migrate the workloads using Migrate for Anthos

Answer: D

NEW QUESTION 6

Your organization runs many workloads in different Google Cloud projects, each linked to the same billing account. Each project's workload costs can vary from month to month, but the overall combined cost of all projects is relatively stable. Your organization needs to optimize its cost. What should your organization do?

- A. Purchase a commitment per project for each project's usual minimum
- B. Create a billing account per project, and link each project to a different billing account
- C. Turn on committed use discount sharing, and create a commitment for the combined usage
- D. Move all workloads from all different projects into one single consolidated project

Answer: B

Explanation:

Billing contacts

NEW QUESTION 7

Your company has recently acquired three growing startups in three different countries. You want to reduce overhead in infrastructure management and keep your costs low without sacrificing security and quality of service to your customers.

How should you meet these requirements?

- A. Host all your subsidiaries' services on-premises together with your existing services.
- B. Host all your subsidiaries' services together with your existing services on the public cloud.
- C. Build a homogenous infrastructure at each subsidiary, and invest in training their engineers.
- D. Build a homogenous infrastructure at each subsidiary, and invest in hiring more engineers.

Answer: B

NEW QUESTION 8

Your organization runs an application on virtual machines in Google Cloud. This application processes incoming images. This activity takes hours to create a result for each image. The workload for this application normally stays at a certain baseline level, but at regular intervals it spikes to a much greater workload. Your organization needs to control the cost to run this application.

What should your organization do?

- A. Purchase committed use discounts for the baseline load
- B. Purchase committed use discounts for the expected spike load
- C. Leverage sustained use discounts for your virtual machines
- D. Run the workload on preemptible VM instances

Answer: C

Explanation:

The idea of the Sustained Use discount is that the longer you run a VM instance in any given month, the bigger discount you will get from the list price.

NEW QUESTION 9

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 10

Each of the three cloud service models - infrastructure as a service (IaaS), platform as a service (PaaS), and software as a service (SaaS) - offers benefits between flexibility and levels of management by the cloud provider and the customer.

Why would SaaS be the right choice of service model?

- A. You want a balance between flexibility for the customer and the level of management by the cloud provider
- B. You want to minimize the level of management by the customer
- C. You want to maximize flexibility for the customer.
- D. You want to be able to shift your emphasis between flexibility and management by the cloud provider as business needs change

Answer: B

Explanation:

Benefits of SaaS

The main benefit of SaaS is that it offloads all infrastructure and application management to the SaaS vendor

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 14

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 18

Your organization is moving an application to Google Cloud. As part of that effort, it needs to migrate the application's working database from another cloud provider to Cloud SQL. The database runs on the MySQL engine. The migration must cause minimal disruption to users. Data must be secured while in transit. Which should your organization use?

- A. BigQuery Data Transfer Service
- B. MySQL batch insert
- C. Database Migration Service
- D. Cloud Composer

Answer: C

NEW QUESTION 19

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 23

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 25

Which Google Cloud product or feature makes specific recommendations based on security risks and compliance violations?

- A. Google Cloud firewalls
- B. Security Command Center
- C. Cloud Deployment Manager
- D. Google Cloud Armor

Answer: B

NEW QUESTION 26

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 30

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 34

Your organization recently migrated its compute workloads to Google Cloud. You want these workloads in Google Cloud to privately and securely access your large volume of on-premises data, and you also want to minimize latency. What should your organization do?

- A. Use Storage Transfer Service to securely make your data available to Google Cloud
- B. Create a VPC between your on-premises data center and your Google resources
- C. Peer your on-premises data center to Google's Edge Network
- D. Use Transfer Appliance to securely make your data available to Google Cloud

Answer: B

NEW QUESTION 35

Your organization is building an application running in Google Cloud. Currently, software builds, tests, and regular deployments are done manually, but you want to reduce work for the team. Your organization wants to use Google Cloud managed solutions to automate your build, testing, and deployment process. Which Google Cloud product or feature should your organization use?

- A. Cloud Scheduler
- B. Cloud Code
- C. Cloud Build
- D. Cloud Deployment Manager

Answer: C

Explanation:

Deploy your application to App Engine using the `gcloud app deploy` command. This command automatically builds a container image by using the Cloud Build service and then deploys that image to the App Engine flexible environment.

NEW QUESTION 40

Your organization uses Active Directory to authenticate users. Users' Google account access must be removed when their Active Directory account is terminated. How should your organization meet this requirement?

- A. Configure two-factor authentication in the Google domain
- B. Remove the Google account from all IAM policies
- C. Configure BeyondCorp and Identity-Aware Proxy in the Google domain
- D. Configure single sign-on in the Google domain

Answer: D

NEW QUESTION 45

Your organization needs a large amount of extra computing power within the next two weeks. After those two weeks, the need for the additional resources will end. Which is the most cost-effective approach?

- A. Use a committed use discount to reserve a very powerful virtual machine
- B. Purchase one very powerful physical computer
- C. Start a very powerful virtual machine without using a committed use discount
- D. Purchase multiple physical computers and scale workload across them

Answer: C

NEW QUESTION 47

Your organization meant to purchase a 3-year Committed Use Discount, but accidentally purchased a 1-year Committed Use Discount instead. What should your organization do?

- A. Contact your financial institution.
- B. Contact Trust and Safety.
- C. Contact Cloud Billing Support.
- C. Contact Technical Support.

Answer: B

NEW QUESTION 51

Your organization stores highly sensitive data on-premises that cannot be sent over the public internet. The data must be processed both on-premises and in the cloud. What should your organization do?

- A. Configure Identity-Aware Proxy (IAP) in your Google Cloud VPC network
- B. Create a Cloud VPN tunnel between Google Cloud and your data center
- C. Order a Partner Interconnect connection with your network provider
- D. Enable Private Google Access in your Google Cloud VPC network

Answer: C

Explanation:

After the service provider provisions your connection, you can start passing traffic between your networks by using the service provider's network.

NEW QUESTION 52

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 54

What would provide near-unlimited availability of computing resources without requiring your organization to procure and provision new equipment?

- A. Public cloud
- B. Containers
- C. Private cloud
- D. Microservices

Answer: A

NEW QUESTION 56

Your organization wants an economical solution to store data such as files, graphical images, and videos and to access and share them securely. Which Google Cloud product or service should your organization use?

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

Answer: A

NEW QUESTION 58

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