



**Vendor:** Google

**Exam Code:** Cloud-Digital-Leader

**Exam Name:** Google Cloud Digital Leader

**Version:** DEMO

**QUESTION 1**

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: C**

**Explanation:**

Cloud VPN setup can be done instantly and though it travels over internet, it is private in nature. Cloud interconnect needs physically dedicated connection.

**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**

**Explanation:**

Firebase is Google's mobile development platform that empowers you to quickly build and grow your app.

Reference: <https://cloud.google.com/appengine>

**QUESTION 3**

Your team has developed a machine learning model for your customer. The test results indicate very strong predictive capability. The model is then deployed in production. Evaluation of the predictions in production show that they are off by a pronounced margin. What is the issue and how can you solve for it?

- A. The model is under fitted. Train with less data.
- B. The model is over fitted. Add more features to the model to fix it.
- C. The model is fine since the test results are good. Fix the production of incoming data.
- D. The model is overfitted. Train with more data.

**Answer: D**

**Explanation:**

If our ML model does well on the training set than on the production set, then we're likely over fitting. Training with more data would be one solution.

**QUESTION 4**

Your large and frequently changing organization's user information is stored in an on-premises

LDAP database. The database includes user passwords and group and organization membership. How should your organization provision Google accounts and groups to access Google Cloud resources?

- A. Replicate the LDAP infrastructure on Compute Engine
- B. Use the Firebase Authentication REST API to create users
- C. Use Google Cloud Directory Sync to create users
- D. Use the Identity Platform REST API to create users

**Answer: C**

**Explanation:**

You can run a single instance of Google Cloud Directory Sync to synchronize user accounts and groups to Google Cloud.

Reference:

<https://cloud.google.com/architecture/identity/federating-gcp-with-active-directory-introduction>

<https://support.google.com/a/answer/106368?hl=en>

**QUESTION 5**

How do Migrate for Compute Engine and Migrate for Anthos differ?

- A. Unlike Migrate for Anthos, Migrate for Compute Engine assumes that the migration source is VMware vSphere.
- B. Migrate for Compute Engine charges for ingress, but Migrate for Anthos does not.
- C. Migrate for Compute Engine is closed source, and Migrate for Anthos is open source.
- D. Migrate for Anthos migrates to containers, and Migrate for Compute Engine migrates to virtual machines.

**Answer: D**

**Explanation:**

Migrate workloads to Compute Engine with Migrate for Compute Engine. Migrate from Compute Engine to containers with Migrate for Anthos and GKE.

This method makes sense, for instance, in cases where you want to conduct a data-center migration and migrate all workloads into Compute Engine, and only at a second stage selectively modernize suitable workloads to containers.

Reference:

<https://cloud.google.com/migrate/anthos>

<https://cloud.google.com/migrate/containers/docs/architecture>

**QUESTION 6**

Your organization consists of many teams. Each team has many Google Cloud projects. Your organization wants to simplify the management of identity and access policies for these projects. How can you group these projects to meet this goal?

- A. Group each team's projects into a separate domain
- B. Assign labels based on the virtual machines that are part of each team's projects
- C. Use folders to group each team's projects
- D. Group each team's projects into a separate organization node

**Answer: C**

**Explanation:**

Using folders to group each team's projects is a suitable solution because folders allow projects

to be organized hierarchically within a resource hierarchy. Each team's projects can be grouped under a folder representing the team, which makes it easier to manage identity and access policies for those projects. Folders can also be used to assign policies to multiple projects at once, reducing the administrative overhead of managing policies across many projects.  
<https://cloud.google.com/resource-manager/docs/creating-managing-folders>

**QUESTION 7**

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**

**Explanation:**

Because you can use your own private VPN to access the Canada-only bucket from anywhere in the world.

Reference: <https://cloud.google.com/storage/docs/access-control>

**QUESTION 8**

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**

**Explanation:**

Database Migration Service Can be used only to perform the migration of PostgreSQL and MySQL databases. SQL Server database migration is currently not supported and is coming soon.

Reference: <https://aws.amazon.com/dms/>

**QUESTION 9**

Your organization is developing and deploying an application on Google Cloud. Tracking your Google Cloud spending needs to stay as simple as possible.  
What should you do to ensure that workloads in the development environment are fully isolated from production workloads?

- A. Apply a unique tag to development resources
- B. Associate the development resources with their own network

- C. Associate the development resources with their own billing account
- D. Put the development resources in their own project

**Answer: D**

**Explanation:**

Project resources are components that are necessary for successful project implementation. They include people, equipment, money, time, knowledge - basically, anything that you may require from the project planning to the project delivery phases.

Reference: <https://www.deps.co/blog/google-cloud-platform-good-bad-ugly/>

**QUESTION 10**

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**

**Explanation:**

Anthos: Anthos lets you build, deploy, and manage applications anywhere in a secure, consistent manner. You can modernize existing applications running on virtual machines while deploying cloud-native apps on containers in an increasingly hybrid and multi-cloud world.

**QUESTION 11**

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.

Reference: <https://dataintegration.info/simplify-vm-migrations-with-migrate-for-compute-engine-as-a-service>

**QUESTION 12**

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**

**Explanation:**

standard=4hr

enhanced=1hr

premium=15min+tam

[https://cloud.google.com/support/docs?hl=en#support\\_offerings\\_overview](https://cloud.google.com/support/docs?hl=en#support_offerings_overview)

### QUESTION 13

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:**

Identity Platform is a customer identity and access management (CIAM) platform that helps organizations add identity and access management functionality to their applications, protect user accounts, and scale with confidence on Google Cloud.

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

### QUESTION 14

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.

<https://cloud.google.com/bigquery-ml/docs/introduction>

### QUESTION 15

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: C**

**Explanation:**

When an identity calls a Google Cloud API, BigQuery requires that the identity has the appropriate permissions to use the resource. You can grant permissions by granting roles to a user, a group, or a service account.

<https://cloud.google.com/bigquery/docs/access-control>

#### **QUESTION 16**

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-premises. and set up a Cloud Interconnect connection to allow access to the data.

**Answer: A**

**Explanation:**

Enabling Requester Pays is useful, for example, if you have a lot of data you want to make available to users, but you don't want to be charged for their access to that data.

<https://cloud.google.com/storage/docs/requester-pays>

#### **QUESTION 17**

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**

**Explanation:**

The Teams need to segmented to have visibility on the resources each team consumes.

Reference: <https://cloud.google.com/security/infrastructure/design>

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