

Google Cloud-Digital-Leader Certification All-in-One Exam Guide Feb-2025 [Q183-Q202]



Google Cloud-Digital-Leader Certification All-in-One Exam Guide Feb-2025 Get Real Cloud-Digital-Leader Exam Dumps [Feb-2025 Practice Tests]

The Google Cloud-Digital-Leader exam format consists of multiple-choice questions, and the duration is two hours. Google Cloud Digital Leader certification requires a passing score of 70%, and the exam fee is \$125. Cloud-Digital-Leader exam content is regularly updated to ensure that it aligns with the latest industry trends and best practices, making it an essential certification for professionals seeking to stay up-to-date with the latest advancements in digital technologies.

QUESTION 183

You are leading projects in an IT services company. Your customer's project requires analyzing images.

They have many 10s of 1000s of raw images that they have made available to you. Your small technology team needs to build a machine learning model. The images are unlabeled. You don't have the people or the capacity to label the images. What is your approach?

- * Look for open-source labeled images that closely resemble the given images.
- * Request data labeling service from Google.
- * Tell the customer it is their duty to label the images.
- * Hire temporary workers who can quickly label the images.

Google's Data Labeling Service lets you work with human labelers to generate highly accurate labels for a collection of data that you can use in machine learning models.

References:

-> <https://cloud.google.com/vertex-ai/docs/datasets/data-labeling-job>

-> <https://cloud.google.com/ai-platform/data-labeling/docs>

QUESTION 184

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.)

- * Billing dashboards
- * Resource labels
- * Sustained use discounts
- * Financial governance policies
- * Payments profile

QUESTION 185

An organization is running SQL Server on-premises and is struggling with capacity and management overhead. They want to modernize this database quickly by using Google products or services. What should the organization do?

- * Migrate all SQL Server data to BigQuery
- * Refactor applications to use a cloud first database like Firestore
- * Perform a managed database migration to Cloud SQL
- * Export old tables from SQL Server to Cloud Storage

QUESTION 186

An organization wants to deploy new workloads to the cloud but must keep some systems on-premises for compliance reasons. Both environments must be managed centrally. Which type of environment should the organization use?

- * Hybrid cloud environment
- * Multi cloud environment
- * Container environment
- * Virtual machine environment

QUESTION 187

Google Cloud Platform (GCP) provides three main compliance resource webpages. What are they? (Select Three Answer)

- * Compliance Reports Manager
- * Support Hub
- * Compliance Offerings
- * GDPR Home Page
- * TechCentral

Explanation

Compliance Reports Manager, GDPR Home Page, Compliance Offerings

GCP provides three main compliance resource webpages

Compliance Reports Manager – <https://cloud.google.com/security/compliance/compliance-reports-manager> Text, timeline Description automatically generated

Compliance Reports Manager

Google Cloud's industry-leading security, third-party audits and certifications, documentation, and contract commitments help support your compliance. Compliance reports manager provides you with easy, on-demand access to these critical compliance resources at no additional cost. Key resources include our latest ISO/IEC certificates, SOC reports, and self assessments.

Select resources may require sign-in with your Google Cloud or Google Workspace account. If you would like to access previous reports please reach out to support for more information. Anything marked "Google Confidential Information" is shared subject to the confidentiality obligations described in the customer or partner agreement(s) covering Cloud Services. Please contact your sales representative for permission to share confidential resources outside of your organization with customers or other third parties not expressly permitted by your agreement.

Compliance Offerings – <https://cloud.google.com/security/compliance/offerings> Text Description automatically generated

Compliance offerings

To help you with compliance and reporting, we share information, best practices, and easy access to documentation.

Our products regularly undergo independent verification of security, privacy, and compliance controls, achieving certifications against global standards to earn your trust. We're constantly working to expand our coverage.

This site contains information about Google's certifications and compliance standards it satisfies as well as general information about certain region or sector-specific regulations.

GDPR Resource Center – <https://cloud.google.com/security/gdpr/resource-center> At Google Cloud, we champion initiatives that prioritize and improve the security and privacy of customer personal data, and want you, as a Google Cloud customer, to feel confident using our services in light of GDPR requirements. If you partner with Google Cloud, we will support your GDPR compliance efforts

QUESTION 188

How does Cloud SQL help organizations create business insights?

- * Integrates with business intelligence and analytics platforms

- * Generates predictions using machine learning models
- * Generates real-time charts and intelligent analytics
- * Transforms business data from unstructured to structured

Explanation

<https://cloud.google.com/sql/docs/postgres/using-query-insights>

QUESTION 189

A global organization is developing an application to manage payments and online bank accounts in multiple regions. Each transaction must be handled consistently in their database, and they anticipate almost unlimited growth in the amount of data stored.

Which Google Cloud product should the organization choose?

- * Cloud SQL
- * Cloud Spanner
- * Cloud Storage
- * BigQuery

QUESTION 190

An organization must verify the identity of a user seeking access to a system. Which aspect of cloud identity management does this action describe?

- * Auditing
- * Authentication
- * Authorization
- * Encrypting

QUESTION 191

Which of the following is true while creating a boot persistent disk from a snapshot.

- * You cannot apply a snapshot to an existing persistent disk, or apply a snapshot to persistent disks that belong to a different project than that snapshot.
- * It is only possible to apply data from a snapshot when you first create a persistent disk.
- * After you create a snapshot of a boot persistent disk, you can apply data from that snapshot to new persistent disks.
- * All of the above.

Explanation

When you create a virtual machine (VM) instance, you must also create a boot disk for the VM. You can use a public image, a custom image, or a snapshot that was taken from another boot disk. When you create a boot disk, limit the disk size to 2 TB to account for the limitations of MBR partitioning.

Compute Engine automatically creates a boot persistent disk when you create an instance. If you require additional data storage space for your instances, add one or more secondary instance storage options.

You might need to create a standalone boot persistent disk and attach it to an instance later, or resize a boot persistent disk to improve performance and add more space for additional applications or operating system files. That process is described in [Add or resize a persistent disk](#).

As a best practice, do not use regional persistent disks for boot disks. In a failover situation, they do not force-attach to a VM.

After you create a snapshot of a boot persistent disk, you can apply data from that snapshot to new persistent disks. It is only possible to apply data from a snapshot when you first create a persistent disk. You cannot apply a snapshot to an existing persistent disk, or apply a snapshot to persistent disks that belong to a different project than that snapshot.

QUESTION 192

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?

- * Cloud Storage
- * Cloud SQL
- * Cloud Spanner
- * BigQuery

Google Storage is GCP's version of AWS Simple Storage Service (S3) and an S3 bucket would be equivalent to a Google Storage bucket across the two clouds Text Description automatically generated

Despite many external solutions for digital files, some people still store their photos, videos, and content files on their desktop or laptop. The only problem with this method is that your computer can quickly become cluttered with thousands of files. It slows your prized piece of hardware (computer) down.

When you want to find a digital file you probably expect that file to come flying up on your screen in an instant. Yet -- anyone who keeps a lot of photos on a computer knows it can take minutes, sometimes hours, to find one - even if you keep it on your desktop. It's just not all that convenient to store things this way. Most importantly, just storing these digital files on a desktop leaves them vulnerable to viruses, damage, or theft. Folks who rely on this also generally don't have a back-up plan.

QUESTION 193

Virtual Machine vCPU and memory usage for each of these categories can receive one of the following discounts? (Select Three Answer)

- * Military Discounts
- * Spot Instances
- * Committed-Use
- * Sustained-Use
- * Preemptible VMs

Sustained, Committed and Preemptible

vCPU and memory usage for each of these categories can receive discounts VM vCPU and memory usage for each of these categories can receive discounts Sustained-use discounts-Google offers up to 30% off for workloads that run for most of the billing month on GCP services.

Committed-use discounts-users can save up to 57% by committing to use an instance for a certain time period, with no upfront payment and with the flexibility to change instances during the commitment period.

Preemptible VMs-similar to the concept of AWS spot instances, Google offers up to 79% off for Virtual Machines that may be shut down at any time and replaced by others.

Reference link- <https://cloud.google.com/compute/docs/sustained-use-discounts> Reference link-
<https://cloud.google.com/compute/docs/instances/signing-up-committed-use-discounts> Reference link-
<https://cloud.google.com/compute/docs/instances/preemptible>

QUESTION 194

An organization needs to rapidly scale its use of computing resources and honor its commitment to environmental sustainability. What should the organization do?

- * Purchase energy-efficient servers for an existing on-premises data center.
- * Refactor application software to use less energy
- * Use a carbon-neutral energy provider for an existing on-premises data center
- * Use a public cloud provider with energy-efficient data centers

QUESTION 195

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?

- * Cloud SQL
- * Cloud Storage
- * Firestore
- * Cloud Spanner

Features of Cloud Spanner

Reference:

Google Cloud SQL is a fully managed service offered by Google Cloud Platform. **Google Cloud SQL is a MySQL database inside Google Cloud.** There is no need to install, maintain and create admin accounts because it is fully managed by Google Cloud. It helps you create, modify, configure and utilize a relational database, same as MySQL.

Google sends constant updates and adds new features to its services to fulfill the business requirements of its users.

Let's have a look at the improvements done in Google Cloud SQL.

- Google deliberately increased the storage space to **100 Gigabytes** which was 10 Gigabytes earlier.
- The modified version is loaded with the capacity of **16GB RAM** to run instances hassle-free.
- Increased RAM has helped users to keep **four times more cache** than earlier.
- Now Google provides both **replicated and non-replicated databases**.

QUESTION 196

A fitness band company is continuously ingesting data from millions of its consumers. Different kinds of data based on time, like location, heartbeat rate, temperature, movement, etc. are connect-ed. They need a high throughput database that can write data very fast. Since their users are spread across the world, they need the database to be geographically scalable. Consumers also want to see near-real-time visualizations of their activities. Which of these databases would be a good fit?

- * Cloud SQL
- * Bigtable
- * Spanner
- * Firestore

Bigtable is the best suited for time series data. It also has high read-write throughput and ability to scale globally.

QUESTION 197

Your organization is on a critical path with recently developed applications. They are going into production in a month. A few million users are expected to use the new application. They want to ensure minimum disruption when the application goes live. Any issues have to be dealt with within minutes and resolved as quickly as possible. Which Support package should they take?

- * Enhanced Support
- * Standard Support
- * Basic Support
- * Premium Support

Premium Support will have a 15-minute response time with 24/7 response for high & criti-cal-impact issues.

<https://cloud.google.com/support>

QUESTION 198

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?

- * One project per team.
- * One organization per team.
- * One project that contains all of each team's resources.
- * One top-level folder per team.

QUESTION 199

An organization has servers running mission-critical workloads on-premises around the world. They want to modernize their infrastructure with a multi-cloud architecture.

What benefit could the organization experience?

- * Ability to disable regional network connectivity during cyber attacks
- * Ability to keep backups of their data on-premises in case of failure
- * Full management access to their regional infrastructure
- * Reduced likelihood of system failure during high demand events

QUESTION 200

How does the resource hierarchy in Google Cloud help organizations implement security policies?

- * Policies can be applied at the folder level and are inherited by projects inside the folder
- * Policies can only be applied to individual projects
- * Projects in the resource hierarchy are not affected by security policies.
- * Policies can only be applied at the organization level and affect all projects

QUESTION 201

Which of the following is/are true about Anthos?

- * Enterprise-grade container orchestration and management service.
- * Modernizing your security for hybrid and multi-cloud deployments
- * Fully managed service mesh with built-in visibility
- * All of the Above

Explanation

Anthos :

Anthos unifies the management of infrastructure and applications across on-premises, edge, and in multiple public clouds with a Google Cloud-backed control plane for consistent operation at scale.

– Build, deploy, and optimize apps on GKE and VMs anywhere-simply, flexibly, and securely.

– Consistent development and operations experience for hybrid and multi-cloud environments.

Key features:

1. Enterprise-grade container orchestration and management service
2. Automate policy and security at scale
3. Fully managed service mesh with built-in visibility
4. Modernizing your security for hybrid and multi-cloud deployments

QUESTION 202

Google offers Firebase, In terms of Firebase Console, any particular message that has to be delivered to a customer at a certain degree of change in behavior can be managed through _____.

- * A/B testing
- * Notification Composer
- * Firebase Remote config.
- * None of the above

Explanation

You can send notification messages using the Notifications composer in the Firebase console. Though this does not provide the same flexibility or scalability as sending messages with the Admin SDK or the HTTP and XMPP protocols, it can be very useful for testing or for highly targeted marketing and user engagement. The Firebase console provides analytics-based A/B testing to help refine and improve marketing messages.

After you have developed logic in your app to receive messages, you can allow non-technical users to send messages per the instructions on the Notifications page in the Firebase Help Center.

By earning the Google Cloud Digital Leader Certification, professionals can demonstrate their expertise and proficiency in managing and implementing cloud solutions. Google Cloud Digital Leader certification also helps professionals to enhance their career prospects and can help them with better job opportunities. The Google Cloud Digital Leader Certification is a professional credential that can be used by individuals to demonstrate their industry-recognized knowledge and oral and written communication skills in the implementation and management of cloud computing solutions.

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