Google

Exam Questions Cloud-Digital-Leader

Google Cloud Digital Leader exam

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NEW QUESTION 1
- (Exam Topic 2)
A developer in your IT team is cheating a bucket on Cloud Storage. He is receiving an error that the bucket name already exists. He has checked his project and the few other pro-jects in the organization, The name seems to be entirely unique, What would be the is-sue?

A. Bucket names ignore any "." in the nam
B. Look for similar bucket names that have a "." in it.
C. Previously deleted bucket names in the same project cannot be reuse
D. There must have been an older bucket with the same name.
E. Bucket names in Cloud storage have to be globally unique
F. Bucket name are case insensitive- look for bucket name in your org that have a different capitalization.

Answer: C

Explanation:
Bucket names have to be unique across Google Cloud Platform [GCP], Including other organizations and projects.

NEW QUESTION 2
- (Exam Topic 2)
A startup client of yours does offline data processing for a few of its clients. They are mi-grating their applications and the associated data to Google Cloud. They have 100TB of data to move. They presently have a very small private data center setup connected to a local internet provider. The maximum bandwidth they are able to get is 100Mbps. How long will it take them to transfer the data over the internet if the transfer goes smoothly?

A. About 12 days.
B. About 2 years.
C. About 100 days.
D. About 24 hours.

Answer: C

Explanation:
The key reason I included this question is to clarify some terminologies that will be important for your estimates. The data size mentioned is a TB terabyte. Note the "byte". The speed is mentioned in Mbps, which is Megabits per second. Note the "bits". 8 bits make a byte. So, to get the actual number of bits transferred, you need to multiply the TB number by 8.
Total data transferred (in bits) = 100 * 1,000,000,000,000 * 8 bits
Speed = 100Mbps = 100 * 1,000,000. i.e. 100 million bits are transferred per second. Hence time taken to transfer all the data = Total Data/Speed = 8,000,000 seconds. Number of seconds in a day = 24*60*60 = 86,400
Total time taken in days = 8,000,000/86,400 = 92.59 days
Reference link
- https://cloud.google.com/architecture/migration-to-google-cloud-transferring-your-large-datasets#online_ver

NEW QUESTION 3
- (Exam Topic 2)
You are a program manager in a company you need to submit a bare metal solution order for a se-cure, high performance connection with a low-latency network fabric. What network information you need to submit the order to Bare Metal Solutions.

A. IP Ranges for example Client IP Address range used for communication between your Google Cloud and Bare Metal Solution environments.
B. Google Cloud Project Id that you are using with your bare metal solution environ-ment.
C. Total number of VLANs you need in your Bare Metal Solution Environment.
D. All of the above

Answer: D

Explanation:
What Bare Metal Solution provides
Bare Metal Solution is a managed solution that provides purpose-built HPE or Atos bare-metal servers in regional extensions that are connected to Google Cloud by a managed, high-performance connection with a low-latency network fabric.
With Bare Metal Solution, Google Cloud provides and manages the core infrastructure, the network, the physical and network security, and hardware monitoring capabilities in an environment from which you can access all of the Google Cloud services. The core infrastructure includes secure, controlled-environment facilities, and power.
The Bare Metal Solution also includes the provisioning and maintenance of custom, sole-tenancy servers with local SAN, and smart hands support.
The network, which is managed by Google Cloud, includes a low-latency Partner Interconnect connection into the customer Bare Metal Solution environment.
The available Google Cloud services include private API access, management tools, support, and billing.

NEW QUESTION 4
- (Exam Topic 2)
A customer has a tens of applications that are dependent on Oracle databases in their on-premise data centers. The customer wants to migrate to Google Cloud. Their long term goal is to move to other cloud native database technologies. What options do they have to initially move their data?

A. Migrate to a Bare Metal server.
B. Migrate to Cloud SQL.
C. Since there is no hosted Oracle solution, leave the Oracle data on-premise while doing analytics on Google Cloud.
D. Containerize Oracle and run it using Cloud Run.

Answer: B

Explanation:
The Bare Metal solution is the recommended approach. You can deploy Oracle capabilities like clustered databases, replication, and all performance features at

licensing costs that are similar to on-premise systems

Choose a Google Cloud bare metal migration strategy 🔖

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This article describes the three most common options for migrating your bare metal workloads to Google Cloud along with a framework for understanding your workload requirements. It also explains how to choose the bare metal option that's right for your situation. Finally, it provides practical use cases for each migration strategy.

This article is designed for IT managers and staff who want to understand the capabilities of the Google Cloud offerings Migrate for Compute Engine, Bare Metal Solution, and Mainframe Modernization, and how each can facilitate the migration of bare-metal workloads. The article also discusses an IBM offering for working on Google Cloud.

Migrating to bare metal in Google Cloud serves as an important step toward transforming your IT strategy to focus on the cloud. By running your bare metal workloads closer to Google Cloud services, you can take advantage of those services while implementing your application modernization strategy in parallel.

https://cloud.google.com/architecture/migrating-bare-metal-workloads

NEW QUESTION 5
- (Exam Topic 2)
Which of the following statements describe the features of a preemptible VM in-stance? (Select Three Answer)

A. Instance is alive for no more than 12 hours
B. Can be pre-empted with a 30 minute notice
C. Can be pre-empted with a 30 second notice
D. Discounted Significantly
E. Instance is alive for no more than 24 hours
F. Can use free tier credits

Answer: CDE

Explanation:
Instance is alive for no more than 24 hours, Can be pre-empted with a 30 second notice, Discounted Significantly.
Preemptible VM is an instance that you can create and run at a lower cost than normal instances.
However, Compute Engine might stop (pre-empt) these instances if it requires access to those resources for other tasks. Preemptible instances are excess Compute Engine capacity, so their availability varies with usage.
Live at most 24 hours Can be pre-empted with a 30 second notification via API and are Discounted significantly
Reference link- https://cloud.google.com/compute/docs/instances/preemptible

NEW QUESTION 6
- (Exam Topic 1)
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

Explanation:
Reference: https://cloud.google.com/compute/docs/images/create-delete-deprecate-private-images
A custom image is a boot disk image that you own and control access to. Use custom images for the following tasks:
Import a virtual disk to Compute Engine from your on-premises environment or from VMs that are running on your local workstation or on another cloud platform.
You can manually import boot disk images to Compute
Engine, but one disk at a time.
Graphical user interface, text, application, email Description automatically generated https://cloud.google.com/compute/docs/images

NEW QUESTION 7
- (Exam Topic 1)
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 Text Description automatically generated
https://support.google.com/a/answer/106368?hl=en

NEW QUESTION 8
- (Exam Topic 1)
An organization has had a data leak scare because one employee made a sensitive Cloud Storage bucket available to the public. Given the nature of the company's business, it is understood that there is never any reason to give the public direct access to any file. The security head wants to ensure that such an event never occurs again. How can you ensure this?

A. Remove Edit access rights of all Cloud Storage buckets so that no user can make any edits.
B. Set an organizational policy constraint to restrict bucket access set to the public.
C. Use Cloud Scheduler to run a job at a specified interval to scan bucket
D. Any public permissions can be programmatically changed.
E. Write Cloud Functions code connected to Cloud Storag
F. Any changes will be notified to the function which can be used to reset the public access.

Answer: B

Explanation:
The straightforward way to set it is using Organizational Policy constraint. Any attempts to change the organizational setting will be rejected for any project and resource.
Graphical user interface, text, application, email Description automatically generated

References link:
-> https://cloud.google.com/resource-manager/docs/organization-policy/overview
-> https://cloud.google.com/resource-manager/docs/organization-policy/org-policy-constraints

NEW QUESTION 9
- (Exam Topic 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: 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.
Reference: https://cloud.google.com/vpc/docs/configure-private-google-access-hybrid

NEW QUESTION 10
- (Exam Topic 1)
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.
Reference: https://www.parkmycloud.com/blog/google-sustained-use-discounts/

NEW QUESTION 10
- (Exam Topic 1)
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 ven Reference: https://www.ibm.com/cloud/learn/iaas-paas-saas

NEW QUESTION 13
- (Exam Topic 1)
An organization has created an ecommerce website. What data on this website would be considered structured data?

A. Product photographs
B. Product reviews
C. Product descriptions
D. Product ratings score

Answer: D

Explanation:
Because product ratings are structured because they are numerical scores.

NEW QUESTION 14
- (Exam Topic 1)
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: D

Explanation:
BigQuery is an enterprise data warehouse for large amounts of relational structured data Serverless, highly scalable, and cost-effective multicloud data warehouse designed for business agility.

NEW QUESTION 16
- (Exam Topic 1)
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

Explanation:
Reference:
https://cloud.google.com/blog/products/identity-security/achieving-identity-and-access-governance-on-google-c
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NEW QUESTION 20
- (Exam Topic 1)
– basically, anything that you may require from the project
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: A

Explanation:
Google Kubernetes Engine GKE seems a better fit since the requirement is for "security need for fine-grained control of traffic between the containers" and "fine-grained control over scaling policies". Such level of control is easier on GKE that Cloud Run.
Text Description automatically generated

When it comes to managed Kubernetes services, Google Kubernetes Engine (GKE) is a great choice if you are looking for a container orchestration platform that offers advanced scalability and configuration flexibility. GKE gives you complete control over every aspect of container orchestration, from networking, to storage, to how you set up observability—in addition to supporting stateful application use cases. However, if your application does not need that level of cluster configuration and monitoring, then fully managed Cloud Run might be the right solution for you.

Fully managed Cloud Run is an ideal serverless platform for stateless containerized microservices that don't require Kubernetes features like namespaces, co-location of containers in pods (sidecars) or node allocation and management.

Reference
link- https://cloud.google.com/blog/products/containers-kubernetes/when-to-use-google-kubernetes-engine-vs

NEW QUESTION 21
- (Exam Topic 1)
There are internal compliance requirements that demand that we do not use any APIs or services that are not backed by SLAs. Which of these are acceptable for us? (Choose two answer)

A. Alpha, Beta
B. Early Access, Preview
C. General Availability
D. Deprecated, but ensure that the SLA support period is still valid.

Answer: CD

Explanation:
General Availability is the stage where SLAs apply.
Deprecated - in the deprecated stage, you should start moving away from those APIs and products. Depending on the deprecation policy, SLAs could still be valid.

NEW QUESTION 23
- (Exam Topic 1)
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:
Reference: https://www.deps.co/blog/google-cloud-platform-good-bad-ugly/
Project resources are components that are necessary for successful project implementation. They include
people, equipment, money, time, knowledge
planning to the project delivery phases.

NEW QUESTION 25
- (Exam Topic 1)
Your organization needs to process large amounts of data from an online application that operates continuously. You do not want to be required to provision infrastructure or create server clusters. What should your organization choose?

A. Compute Engine with BigQuery
B. Dataproc
C. Google Kubernetes Engine with Cloud Bigtable
D. Dataflow

Answer: D

Explanation:
You do not want to be required to provision infrastructure or create server clusters. Because Unified stream and batch data processing that's serverless, fast, and cost-effective.
Reference link- https://cloud.google.com/dataflow

NEW QUESTION 29
- (Exam Topic 1)
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 fitte
B. Train with less data.
C. The model is over fitte
D. Add more features to the model to fix it.
E. The model is fine since the test results are goo
F. Fix the production of incoming data.
G. The model is overfitte
H. 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.

NEW QUESTION 32
- (Exam Topic 1)
Your organization wants to optimize its use of Google Cloud's discounts on virtual machine-based workloads. You plan to use 200 CPUs constantly for the next 3 years, and you forecast that spikes of up to 300 CPUs will occur approximately 30% of the time. What should you choose?

A. 1-year committed use discount for 200 CPUs
B. 3-year committed use discount for 300 CPUs
C. 3-year committed use discount for 200 CPUs
D. Regular pay-as-you-go pricing

Answer: C

Explanation:
you can get a 57% discount by agreeing to commit to a 3-year contract. Any usage over the commitment will just be billed at the standard rate. Since they only need 300 CPUs 30% of the time, will pick answer C so that we are not paying usage off 300 CPUs all of the time. This gives us a discount of 57% for 200 CPU's, huge cost savings.

NEW QUESTION 33
- (Exam Topic 1)
Your organization wants to be sure that is 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: AB

Explanation:
Graphical user interface, text Description automatically generated with medium confidence

| Resource hierarchy | Structure and organize your resource hierarchy for fine-grained management and cost allocation using organizations, folders, projects, and labels. |
| Billing access control | Enforce organizational policies with granular permissions at different levels in the resource hierarchy to control who can spend and who has administrative and cost-viewing permissions. |

A label is a key-value pair that helps you organize your Google Cloud resources. You can attach a label to each resource, then filter the resources based on their labels. Information about labels is forwarded to the billing system, so you can break down your billed charges by label.
Reference link- https://cloud.google.com/cost-management

NEW QUESTION 34
- (Exam Topic 1)
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.
Reference link- https://cloud.google.com/bigquery/docs/access-control

NEW QUESTION 35
- (Exam Topic 1)
Which of the following options is/are correct about Preemptible VMs?

A. Preemptible VMs don't have fixed pricing.
B. Both A & B
C. None of the Above.
D. You can not use Preemptible VMs at fault-tolerant workloads such as high-performance computing, big data and analytics, continuous integration/continuous delivery (CI/CD), rendering/transcoding, and testing.

Answer: C

Explanation:

Preemptible VMs: Predictable and low cost
Preemptible VMs are up to 80% cheaper than regular instances. Pricing is fixed so you will always get low cost and financial predictability, without worrying about variable market pricing.
Expand your batch processing
Supplement your regular VMs with lower-cost, preemptible instances to finish your compute-intensive work faster, saving you time and money. Throw preemptible VMs at fault-tolerant workloads such as high performance computing, big data and analytics, continuous integration/continuous delivery (CI/CD), rendering/transcoding, and testing.
Get more from your containers
Containers are naturally stateless and fault tolerant, making them a great fit for preemptible VMs! You save on your containerized workloads today with these affordable compute instances. Take advantage of Google Kubernetes Engine for your containerized workloads and Managed Instance Groups to painlessly and seamlessly recover from preemptions.
Enable it instantly
Simply add --preemptible to the gcloud command line and you're off to the races. There's no bidding to code for, and with per-second billing, just shut down your VMs as soon as you're done.

NEW QUESTION 39
- (Exam Topic 1)
Your company has multiple internal applications used by your employees. You also have to give access to certain vendors and contractors. What is a good option for you to adopt?

A. Keep the credentials separate for each application to reduce the blast radius in case of any issues.
B. Use an external identity provider that is famous and popular like Facebook or Twitter; that way, even your vendors and contractors will have an account there.
C. Allow all users, especially contractors and vendors, to bring their own identities, like those at gmail.com.
D. Use an IDaaS (Identity as a Service) product that can centrally manage authenti-cation and authorization for the applications.

Answer: D

Explanation:
IDaaS - identity providers managed by the company give better control over security and privacy. Security/access can be set granularly, while also being centralized. You don't have to manage multiple credentials.

NEW QUESTION 43
- (Exam Topic 1)
Your team is using BigQuery as your central data warehouse. You are running a certain workload that you've run frequently over the last few days. It is a short, high capacity ana-lytics workload. Which of the following would be an appropriate pricing model to use?

A. There is no need for any pricing model the first 1 TB of query data processed per month is free.
B. On-demand pricing
C. Flex Slots
D. Flat-rate reservations

Answer: C

Explanation:
Option A is Correct- BigQuery Flex Slots for cyclical workloads that require extra capacity, or for workloads that need to process a lot of data in a short time, and so would be less expensive to run using reserved slots for a short time.

NEW QUESTION 48
- (Exam Topic 1)
Your customer is making a decision on whether to move to Google Cloud. Their key concern is about 10,000 VMs that are part of their IT infrastructure used across more than 110 applications. They are apprehensive of too many changes at this stage. They want to get to Google Cloud in the easiest way possible with minimal disruption. What option would you recommend for them?

A. Use Migrate for Anthos

B. Lift and shift the VMs to serverless options like App Engine Flex.
C. Re-architect on-prem to use Kubernetes and then slowly extend and bridge the on-prem data center to the Google Cloud data center.
D. Use Migrate for Compute

Answer: D

Explanation:
Migrate for Compute Engine's advanced replication migration technology copies instance data to Google Cloud in the background with no interruptions to the source workload that's running.
Text Description automatically generated

Cloud migration creates a lot of questions. Migrate for Compute Engine by Google Cloud has the answers. Whether you're looking to migrate one application from on-premises or one thousand enterprise-grade applications across multiple data centers, Migrate for Compute Engine gives any IT team, large or small, the power to migrate their workloads to Google Cloud.

Watch the video to your right to hear what one of our customers, Rackspace Technology, thinks about Migrate for Compute Engine's speed and ease of use.

https://cloud.google.com/migrate/compute-engine

NEW QUESTION 49
- (Exam Topic 1)
Your team is working on building a machine learning model. There are a bunch of terminologies that are being used. What is an "instance" or an "example"?

A. An input variable is used in making prediction
B. E.
C. number of rooms in a house price prediction model.
D. One row of a dataset containing one or more input columns and possibly a prediction result.
E. An answer for a prediction task,¬ either the answer produced by a machine learning system or the right answer supplied in training dat
F. E.
G. image contains a "cat".
H. The "knobs" that you tweak during successive runs of training a mode
I. E.
J. learning rate

Answer: B

Explanation:
One row of a dataset containing one or more input columns and possibly a prediction result. A picture containing timeline Description automatically generated

- **Instance**: The thing about which you want to make a prediction. For example, the instance might be a web page that you want to classify as either "about cats" or "not about cats".

- **Label**: An answer for a prediction task either the answer produced by a machine learning system, or the right answer supplied in training data. For example, the label for a web page might be "about cats".

- **Feature**: A property of an instance used in a prediction task. For example, a web page might have a feature "contains the word 'cat'".

- **Feature Column**: A set of related features, such as the set of all possible countries in which users might live. An example may have one or more features present in a feature column. "Feature column" is Google-specific terminology. A feature column is referred to as a "namespace" in the VW system (at Yahoo/Microsoft), or a field.

- **Example**: An instance (with its features) and a label.

- **Model**: A statistical representation of a prediction task. You train a model on examples then use the model to make predictions.

https://developers.google.com/machine-learning/guides/rules-of-ml#terminology

NEW QUESTION 54
- (Exam Topic 1)
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

Explanation:
When you purchase a committed use contract, you purchase Compute Engine resources—such as vCPUs, memory, GPUs, local SSDs, and sole-tenant nodes—at a discounted price in return for committing to paying for those resources for 1 year or 3 years

NEW QUESTION 57
- (Exam Topic 1)
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: C

Explanation:
Graphical user interface, text, application Description automatically generated

https://cloud.google.com/compute/docs/instances/signing-up-committed-use-discounts

NEW QUESTION 62
- (Exam Topic 1)
You are working with the head of the IT team and planning the move of computing systems. The questionnaire indicates that they have a reporting application that runs almost 24 hours every day of the week. When there is extra load, it queues up the processing and executes tasks when there is less demand. Which of these compute options would you recommend for them?

A. Use a serverless option - App Engine Standard for Flex
B. Use a server-based option - Compute Engine.
C. Use a serverless option - Cloud Functions
D. Serverless option - Cloud Run

Answer: C

Explanation:
- Because Compute Engine VMs are the preferred compute option as they are long-running.

NEW QUESTION 65
- (Exam Topic 1)
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

Explanation:

Reference: https://cloud.google.com/terms/services
Cloud Spanner is a fully-managed, mission-critical relational database service. It is designed to provide a scalable online transaction processing (OLTP) database with high availability and strong consistency at global scale

NEW QUESTION 68
- (Exam Topic 1)
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

Explanation:
- 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, an 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.

NEW QUESTION 71
- (Exam Topic 1)
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

Explanation:

Reference: https://cloud.google.com/security-command-center
Security Command Center is Security and risk management platform for Google Cloud.
Reference link- https://cloud.google.com/security-command-center

NEW QUESTION 75
- (Exam Topic 1)
Your ed-tech start-up was originally launched in a small geography. Any user sign-ups, course progress, tests taken, etc. are captured on a self-managed MySQL database. Every user generates many such transactions. Now you're taking the application globally and preparing for a much larger influx of users from all over the world. The existing MySQL server is unlikely to be able to scale. Which convenient option can be considered?

A. Migrate to BigQuery
B. Migrate to Cloud Spanner
C. Migrate to Cloud SQL
D. Migrate to Bigtable

Answer: B

Explanation:
Cloud Spanner is a global scale SQL database that scales extremely well. That would be the best choice.

NEW QUESTION 76
- (Exam Topic 1)
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?

A. Enhanced Support
B. Standard Support
C. Basic Support
D. Premium Support

Answer: D

Explanation:

Premium Support will have a 15-minute response time with 24/7 response for high & criti-cal-impact issues. Graphical user interface, text, application, email Description automatically generated

Premium Support overview 🔖

Send feedback

This page explains the features of Premium Support.

Premium Support is a paid support offering designed for enterprises that run mission critical workloads and require fast response times, platform stability, and increased operational efficiencies.

This overview covers the following aspects of Premium Support:

- How you work with a Technical Account Manager to optimize your Google Cloud operations and Premium Support experience.

- Features of the offering, including support case features and Customer Aware Support.

- Value Add Services that you can purchase to customize your offering.

https://cloud.google.com/support

NEW QUESTION 78
- (Exam Topic 1)
Which Google Cloud product is designed to reduce the risks of handling personally identifiable information (PII)?

A. Cloud Storage
B. Google Cloud Armor
C. Cloud Data Loss Prevention
D. Secret Manager

Answer: C

Explanation:
Reference:
https://cloud.google.com/blog/products/gcp/take-charge-of-your-sensitive-data-with-the-cloud-dlp-api
Cloud Data Loss Prevention: Fully managed service designed to help you discover, classify, and protect your most sensitive data.

NEW QUESTION 79
- (Exam Topic 1)
Your organization needs to categorize objects in a large group of static images using machine learning. Which Google Cloud product or service should your organization use?

A. BigQuery ML
B. AutoML Video Intelligence
C. Cloud Vision API
D. AutoML Tables

Answer: C

Explanation:
Reference: https://cloud.google.com/vision
Derive insights from your images in the cloud or at the edge with AutoML Vision or use pre-trained Vision API models to detect emotion, understand text, and more.
Vision API offers powerful pre-trained machine learning models through REST and RPC APIs. Assign labels to images and quickly classify them into millions of predefined categories. Detect objects and faces, read printed and handwritten text, and build valuable metadata into your image catalog.

NEW QUESTION 82
- (Exam Topic 1)
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

Explanation:
Reference: https://cloud.google.com/architecture/predicting-customer-propensity-to-buy

NEW QUESTION 84
- (Exam Topic 1)
As your organization increases its release velocity, the VM-based application upgrades take a long time to perform rolling updates due to OS boot times. You need to make the application deployments faster.
What should your organization do?

A. Migrate your VMs to the cloud, and add more resources to them
B. Convert your applications into containers
C. Increase the resources of your VMs
D. Automate your upgrade rollouts

Answer: B

NEW QUESTION 89
- (Exam Topic 1)
What are the key features of Google Cloud Identity.

A. Multi-factor authentication (MFA)
B. Single sign-on (SSO)
C. Works with your favorite apps and Endpoint management
D. All of the Above

Answer: D

Explanation:

Cloud Identity:
A unified identity, access, app, and endpoint management (IAM/EMM) platform.
- Give users easy access to apps with single sign-on.
- Multi-factor authentication protects user and company data.
- Endpoint management enforces policies for personal and corporate devices
KEY FEATURES :
Modernize IT and strengthen security Multi-factor authentication (MFA)
Help protect your user accounts and company data with a wide variety of MFA verification methods such as push notifications, Google Authenticator, phishing-resistant Titan Security Keys, and using your Android or iOS device as a security key.
Endpoint management
Improve your company's device security posture on Android, iOS, and Windows devices using a unified console. Set up devices in minutes and keep your company data more secure with endpoint management. Enforce security policies, wipe company data, deploy apps, view reports, and export details.
Single sign-on (SSO)
Enable employees to work from virtually anywhere, on any device, with single sign-on to thousands of pre-integrated apps, both in the cloud and on-premises.
Works with your favorite apps
Cloud Identity integrates with hundreds of cloud applications out of the box—and we're constantly adding more to the list so you can count on us to be your single identity platform today and in the future.

NEW QUESTION 93
- (Exam Topic 1)
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:
Reference: https://cloud.google.com/migrate/anthos
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.
Graphical user interface, text, application, email Description automatically generated https://cloud.google.com/migrate/containers/docs/architecture

NEW QUESTION 95
- (Exam Topic 1)
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. Reference:
https://cloud.google.com/bigquery-ml/docs/introduction#:~:text=BigQuery%20ML%20lets%20you%20create,th
Graphical user interface, text, application, email Description automatically generated https://cloud.google.com/bigquery-ml/docs/introduction

NEW QUESTION 96
- (Exam Topic 1)
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:
Reference: https://cloud.google.com/storage/docs/access-control
Because you can use your own private VPN to access the Canada-only bucket from anywhere in the world.

NEW QUESTION 97
- (Exam Topic 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: AD

Explanation:
In a shared responsible model, hardware maintence and capacity management cloud provider is the responsible part.

NEW QUESTION 100
- (Exam Topic 1)
Your organization is migrating to Google Cloud. As part of that effort, it needs to move terabytes of data from on-premises file servers to Cloud Storage. Your organization wants the migration process to be automated and to be managed by Google. Your organization has an existing Dedicated Interconnect connection that it wants to use. Which Google Cloud product or feature should your organization use?

A. Storage Transfer Service
B. Migrate for Anthos
C. BigQuery Data Transfer Service
D. Transfer Appliance

Answer: A

Explanation:
Reference: https://cloud.google.com/architecture/migration-to-google-cloud-transferring-your-large-datasets Text, application Description automatically generated Graphical user interface, text, application, email Description automatically generated https://cloud.google.com/architecture/migration-to-google-cloud-transferring-your-large-datasets

NEW QUESTION 105
- (Exam Topic 1)
A partner of yours used to have their own private data center. Your company was already on Google Cloud and now they have also moved to Google Cloud. You are investigating whether there are ways to collaborate better or shared services. What would be one good option to consider?

A. Use Private Service Access within Google Cloud.
B. Use VPC Peering to share resources privately between your two organizations.
C. Use public IP addresses as befor
D. It will automatically be routed internally only.
E. Use VPC Shared Networks to share common resources.

Answer: B

Explanation:
VPC Network Peering allows internal IP address connectivity across two Virtual Private Cloud (VPC) networks regardless of whether they belong to the same project or the same organization.
-> Shared VPC is only within an organization - it allows an organization to connect resources from multiple projects to a common Virtual Private Cloud (VPC) network, so that they can communicate with each other securely and efficiently using internal IPs from that network.
-> Private Google Access is only to access Google APIs and services References:
-> https://cloud.google.com/vpc/docs/vpc-peering
-> https://cloud.google.com/vpc/docs/private-google-access
-> https://cloud.google.com/vpc/docs/shared-vpc

NEW QUESTION 108
- (Exam Topic 1)
Your application has repeated data requests of the exact same nature. At the same time, the number of user requests is increasing. Monitoring indicates that the load on the existing database is increasing, and there seems to be a bottleneck. An analysis of the data requested shows us that it is application-managed data and that it changes, but not often. How can you improve the efficiency of the application?

A. Use Cloud Memorystore to improve speed via caching
B. Increase the amount of RAM on the machine hosting the database so that it has higher data throughput.
C. Use Cloud Storage with multi-regional storage so that all users accessing the data will have lower latency
D. Increase the number of CPUs on the machine hosting the database so that it has higher data throughput.

Answer: A

Explanation:
Cloud Memorystore is an in-memory database that has sub-millisecond latency. This is ideal for caching application data that also changes once in a while.
https://cloud.google.com/memorystore

NEW QUESTION 113
- (Exam Topic 3)
An organization wants to add a new function to their application. They want to write the code and let the public cloud provider handle the infrastructure. Which infrastructure solution should they use?

A. Virtual machines
B. Bare Metal Solution
C. Serverless computing
D. Container Registry

Answer: C

Explanation:
Serverless computing , as public cloud prouder(eg. google) will mange the infra things

NEW QUESTION 115
- (Exam Topic 3)
An organization wants to use Apigee to manage all their application programming interfaces (APIs). What will Apigee enable the organization to do?

A. Increase application privacy
B. Measure and track API performance Most Voted
C. Analyze application development speed
D. Market and sell APIs

Answer: B

Explanation:
Apigee's API Monitoring enables you to track your APIs to make sure they are up and running correctly. API Monitoring provides near real-time insights into API traffic and performance, to help you quickly diagnose and solve issues as they arise.
Apigee works with APIs not necessarily applications. It allows organizations to gain actionable insights across the entire API value chain and monetize API products and maximize the business value of digital assets. https://cloud.google.com/apigee#section-11

NEW QUESTION 120
- (Exam Topic 3)
How does a large hotel chain benefit from storing their customer reservation data in the cloud?

A. On-premises hardware access to transaction data
B. Real-time data transformation at scale within an on-premises database
C. Real-time business transaction accuracy at scale
D. Physical hardware access during peak demand

Answer: C

NEW QUESTION 121
- (Exam Topic 3)
What is an example of unstructured data that organizations can capture from social media?

A. Post comments
B. Tagging
C. Profile picture
D. Location

Answer: A

Explanation:
https://treehousetechgroup.com/8-examples-of-unstructured-data/

NEW QUESTION 122
- (Exam Topic 3)
How is privacy defined in the context of cloud technology?

A. Restrictions on data access and sharing
B. Procedures to authenticate user identity
C. Susceptibility to data breaches and cyber attacks
D. Compliance with regulatory standards

Answer: A

NEW QUESTION 127
- (Exam Topic 2)
In terms of Dockers and Kubernetes, which of the following statements are correct?

A. Kubernetes uses Docker to deploy, manage, and scale containerized applications.
B. Difference between Docker and Kubernetes relates to the role each play in con-tainerizing and running your applications
C. Kubernetes can be used with or without Docker.
D. All of the above.

Answer: D

Explanation:
Kubernetes vs. Docker
Often misunderstood as a choice between one or the other, Kubernetes and Docker are different yet complementary technologies for running containerized applications.
Docker lets you put everything you need to run your application into a box that can be stored and opened when and where it is required. Once you start boxing up your applications, you need a way to manage them; and that's what Kubernetes does.
Kubernetes is a Greek word meaning 'captain' in English. Like the captain is responsible for the safe journey of the ship in the seas, Kubernetes is responsible for carrying and delivering those boxes safely to locations where they can be used.
- Kubernetes can be used with or without Docker.
- Docker is not an alternative to Kubernetes, so it's less of a "Kubernetes vs. Docker" question. It's about using Kubernetes with Docker to containerize your applications and run them at scale.
- The difference between Docker and Kubernetes relates to the role each play in containerizing and running your applications.
- Docker is an open industry standard for packaging and distributing applications in containers.
- Kubernetes uses Docker to deploy, manage, and scale containerized applications.

NEW QUESTION 132
- (Exam Topic 2)
You are discussing scaling requirements with a gaming company. When the game launches, they are expecting incoming data surges of 2 million users or more during weekends and holidays. Their on-premise systems have had issues scaling and they want your advice on solving the issue. What do you recommend?

A. Either Compute Engine VMs or Kubernetes nodes work, but it is better to keep a buffer of an extra 2 million users.
B. We can deploy a Pub/Sub to ingest data which will grow to absorb demand and pass it on to other stages.
C. We will allocate Compute Engine VMs estimating 80% capacity of 2 million users.
D. We will allocate Kubernetes nodes estimating 80% capacity of 2 million users.

Answer: B

Explanation:
When there are huge surges in demand, it is preferable to use serverless technologies that automatically scale on demand. In this case, the key concern is data ingestion. Pub/Sub is a serverless system that can expand to absorb such demand.

NEW QUESTION 134
- (Exam Topic 2)
A bank wants to track the success of their existing ATM network, which has been modernized with APIs to instantly notify customers about their transfers. What is the benefit of using Apigee to achieve this goal?

A. It has dashboards that chart dimensions and metrics to report on APIs.
B. It replicates banking APIs to create new business value.
C. It measures and tracks their total cost of ownership (TCO).
D. It allows developers to connect the banking APIs with the public cloud.

Answer: A

Explanation:
Apigee includes analytics services which allow enterprises to report on various aspects of an API.

NEW QUESTION 137
- (Exam Topic 2)
Which of the following statements is/are true about Cloud Spanner offered by Google Cloud Plat-form.

A. It can scale horizontally to support additional capacity.
B. It comes with Zero Downtime, No Maintenance windows, and is proven for large and small workloads.
C. You don't need to shard or replicate data.
D. All of the above.

Answer: D

Explanation:
 Cloud Spanner:
Fully managed relational database with unlimited scale, strong consistency, and up to 99.999% availability.
- Get all the benefits of relational semantics and SQL with unlimited scale
- Start at any size and scale with no limits as your needs grow
- Enjoy high availability with zero scheduled downtime and online schema changes
- Deliver high-performance transactions with strong consistency across regions and continents
- Focus on innovation, eliminating manual tasks with capabilities like automatic sharding.

NEW QUESTION 140
- (Exam Topic 2)
You are a cloud architect in a software solution provider company, one of the client that is a Na-tional Bank who wants to build an application that deals with transactions processing, and it needs a relational database with petabyte of scale data. Which of the following Google Cloud Services will you use?

A. Cloud SQL

B. Cloud Bigtable
C. Cloud Spanner
D. Google Cloud BigQuery

Answer: C

Explanation:
- Cloud Spanner is the online transaction processing solution that is relational and offers petabyte scalability. Cloud SQL is not designed for petabyte-scale data.

NEW QUESTION 141
- (Exam Topic 2)
A client is currently running software on their on-premise systems that is bound by a certain type of license. They are allowed to run the software on virtualized machines. However, they cannot run them on virtualized machines that are shared by two different companies, teams, or projects. What option do they have on Google Cloud?

A. Google Cloud is a public cloud accessed by multiple customers.
B. Allocate a Bare Metal machine.
C. Setup exclusive login to the VM with self-generated security keys.
D. Allocate sole-tenant nodes

Answer: D

Explanation:
Sole-tenancy lets you have exclusive access to a sole-tenant node, which is a physical Compute Engine server that is dedicated to hosting only your project's VMs. Use sole-tenant nodes to keep your VMs physically separated from VMs in other projects, or to group your VMs together on the same host hardware.
https://cloud.google.com/compute/docs/nodes/sole-tenant-nodes

NEW QUESTION 145
- (Exam Topic 2)
You are consulting for a client who is migrating to Google Cloud. They presently have a matrix or-ganization. Their IT environments were managed around projects. Each team had multiple projects. All the projects had a flat structure under the company. What would you advise them when plan-ning for the move?

A. On Google Cloud, create a folder corresponding to each tea
B. Under that, there could be projects or further sub folders as the team decides.
C. In terms of not disturbing the project developers and testers, advise them that the strategic decision is to retain the structure on Google Cloud also.
D. Since a Project could spawn other sub-Projects, on Google Cloud it is better to as-sign a folder for each Project.
E. The flat structure is what is currently used in IT organizations, and this can be used as-is which will provide the best results.

Answer: A

Explanation:
Folders for a related group of projects are the recommended approach.
-> A flat structure under the organization node is possible on Google Cloud, but it is not recommended. It becomes tougher to manage.
-> Projects cannot have sub-projects; there can only be resources within Projects.
Reference link- https://cloud.google.com/resource-manager/docs/cloud-platform-resource-hierarchy

NEW QUESTION 147
- (Exam Topic 2)
You are a DevOps Engineer in an E-commerce company that sells products globally, across the countries, Customers buy products, add them to carts or check-in stock from different parts of the world with different timestamps, you need to choose a database that can scale globally without any hassle and lots of developer support, it should be consistent across regions, can scale horizontally to support enormous user, automatically replicates, shards and even auto transaction pro-cessing. Which of the following database do you choose?

A. Cloud SQL
B. Cloud Spanner
C. Cloud Firestore.
D. Cloud Storage.

Answer: B

Explanation:

Cloud Spanner:
Fully managed relational database with unlimited scale, strong consistency, and up to 99.999% availability.
- Get all the benefits of relational semantics and SQL with unlimited scale
- Start at any size and scale with no limits as your needs grow
- Enjoy high availability with zero scheduled downtime and online schema changes
- Deliver high-performance transactions with strong consistency across regions and continents
- Focus on innovation, eliminating manual tasks with capabilities like automatic sharding
Automatic sharding
Cloud Spanner optimizes performance by automatically sharding the data based on request load and size of the data. As a result, you can spend less time worrying about how to scale your database and instead focus on scaling your business.
Strong transactional consistency
Purpose-built for external, strong, global transactional consistency.
Regional and multi-regional configurations
No matter where your users may be, apps backed by Cloud Spanner can read and write up-to-date strongly consistent data globally Additionally, when running a multi-region instance, your database is able to survive a regional failure, and offers industry-leading 99.999% availability.
Online schema changes with no downtime
Cloud Spanner users can make a schema change, whether it's adding a column or adding an index while serving traffic with zero downtime. Hence you now have the flexibility to adapt your database to your business needs without compromising on the availability of your application.

NEW QUESTION 150
- (Exam Topic 2)
An organization wants to measure everything as part of its new DevOps philosophy. What should the organization measure?

A. The reliability and health of their systems.
B. The satisfaction and happiness of their employees.
C. The risk and reward of their investments.
D. The speed of their cloud adoption process.

Answer: A

Explanation:
Graphical user interface, text, application, email Description automatically generated

DevOps measurements for reliability and system health

DevOps teams can track system reliability, quality, and overall health using a few key metrics. In DevOps organizations, site reliability engineers, operations engineers, software developers, project managers, and engineering leadership will all find value in these measurements.

https://newrelic.com/devops/measuring-devops#toc-devops-measurments-for-team-health

NEW QUESTION 151
- (Exam Topic 2)
You are working with a user to set up an application in a new VPC behind a firewall and it is no-ticed that the user is concerned about data egress. Therefore, to provide assistance you want to con-figure the fewest open egress ports. Which of the following statement is correct?

A. Set up a high-priority (1000) rule that blocks all egress and a low-priority (65534) rule that allows only the appropriate ports.
B. Set up a low-priority (65534) rule that blocks all egress and a high-priority rule (1000) that allows only the appropriate ports.
C. Set up a high-priority (1000) rule to allow the appropriate ports.
D. Set up a high-priority (1000) rule that pairs both ingress and egress ports.

Answer: B

Explanation:
Implied rules Every VPC network has two implied firewall rules. These rules exist, but are not shown in the Cloud Console:
Implied allow egress rule. An egress rule whose action is allow, destination is 0.0.0.0/0, and priority is the lowest possible (65535) lets any instance send traffic to any destination, except for traffic blocked by Google Cloud. A higher priority firewall rule may restrict outbound access. Internet access is allowed if no other firewall rules deny outbound traffic and if the instance has an external IP address or uses a Cloud NAT instance. For more information, see Internet access requirements.

If IPv6 is enabled, the VPC network also has these two implied rules:

- **Implied IPv6 allow egress rule.** An egress rule whose action is `allow`, destination is `::/0`, and priority is the lowest possible (`65535`) lets any instance send traffic to any destination, except for traffic blocked by Google Cloud. A higher priority firewall rule may restrict outbound access. Internet access is allowed if no other firewall rules deny outbound traffic and if the instance has an external IP address.

- **Implied IPv6 deny ingress rule.** An ingress rule whose action is `deny`, source is `::/0`, and priority is the lowest possible (`65535`) protects all instances by blocking incoming connections to them. A higher priority rule might allow incoming access.

The implied rules *cannot* be removed, but they have the lowest possible priorities. You can create rules that override them as long as your rules have higher priorities (priority numbers *less than* `65535`). Because `deny` rules take precedence over `allow` rules of the same priority, an ingress `allow` rule with a priority of `65535` never takes effect.

Reference link- https://cloud.google.com/vpc/docs/firewalls

NEW QUESTION 152
- (Exam Topic 2)
One of your clients is in the retail sector. They have a small team supporting their operations and a small development team taking care of application development. They have heard of the benefits of machine learning, but they do not have the capacity to hire data scientists or the work to retain them. They have a team of analysts who works primarily on BigQuery and knows how to run SQL queries. They want to be able to get into the new age of machine learning and artificial intelligence. What options are available to run on Google Cloud?

A. Use the popular open-source libraries SciPy and NumPy to create machine learn-ing models.
B. Use the Unified AI Platform to create a custom TensorFlow model.
C. Use BigQuery ML to create machine learning models using SQL queries.
D. Integrate the Cloud Vision API and the Cloud Speech API to create a custom mod-el that will suit the retail sector.

Answer: C

Explanation:
BigQuery ML allows you to create ML models using standard SQL queries. Those familiar with BigQuery and ML will be able to create ML models with just a basic understanding of machine learning.
https://cloud.google.com/bigquery-ml/docs/

NEW QUESTION 156
- (Exam Topic 2)
You are looking for a one stop reference page for GCP support. What Page would you se-lect?

A. Compliance Hub
B. Google Cloud Platform Status
C. Support Hub
D. Pricing Page

Answer: C

Explanation:
Google provides a page that brings together everything needed around support. Its called the Support Hub
Reference link- https://cloud.google.com/support-hub

NEW QUESTION 161
- (Exam Topic 2)
How does a least privilege resource access model contribute to cloud security?

A. Google is responsible for determining access to cloud resources.
B. Employees may only access on-premises software with special permission.
C. Only managers and other senior employees have cloud resource access.
D. Employees only have access to the cloud resources necessary for their job.

Answer: D

Explanation:
This is the definition of a least privilege model.
A supporting principle that helps organizations achieve these goals is the principle of least privilege. The principle of least privilege addresses access control and states that an individual should have only the minimum access privileges necessary to perform a specific job or task and nothing more

NEW QUESTION 164
- (Exam Topic 2)
"With cloud messaging you can Customize and deliver messages accordingly to the predetermined time in the user's local time zone." Comment on the above statement.

A. This statement is undefined.
B. The above statement is partially true.
C. The above statement is completely false.
D. The above statement is completely true.

Answer: D

Explanation:
Firebase Cloud Messaging:
Firebase Cloud Messaging (FCM) is a cross-platform messaging solution that lets you reliably send messages at no cost.
Using FCM, you can notify a client app that new email or other data is available to sync. You can send notification messages to drive user re-engagement and retention. For use cases such as instant messaging, a message can transfer a payload of up to 4000 bytes to a client app.
Key capabilities of Firebase Cloud Messaging:
Send notification messages or data messages: Send notification messages that are displayed to your user. Or send data messages and determine completely what happens in your application code.
Versatile message targeting: Distribute messages to your client app in any of 3 ways—to single devices, to groups of devices, or to devices subscribed to topics.
Send messages from client apps: Send acknowledgments, chats, and other messages from devices back to your server over FCM's reliable and battery-efficient connection channel.

NEW QUESTION 166
- (Exam Topic 2)
A customer of yours has an SLA with their client that a particular service will respond within 4 sec-onds. The end client has reported that it feels slower. Your engineers do a trial at the client site and notice that there seems to be a delay for many of the requests. It's your team's responsibility to iden-tify the issue quickly within the strict timeline for fixes according to the contract, and then fix it. What should you do?

A. Recommend a move to serverless technologies which will scale automatically on demand.
B. Add logging statements at multiple points in the application, build it, and deploy i
C. Now new requests will give us information on latency in the logs.
D. Check if the browsers used by the client are different from your
E. If they are, that's most likely the issue.Ensure that everybody uses the latest version of the browser that you are also using.
F. Use Cloud Trace to collect latency data and track how requests propagate and why there is a delay.

Answer: D

Explanation:
Cloud Trace is a built-in tool in the Operations suite to identify issues like latency.
-> Such fixes are unlikely to change core issues like the service itself being architected or written
sub-optimally. Though changes like browser, networking, etc. are helpful, it would be the wrong approach to first recommend that the customer upgrade all their

hardware and software.

-> Rewriting code and logging information is going to be time consuming. In general though, logging should always be included in code and it can give good insights. But tracing is way more specific and comprehensive for this requirement.

-> In certain cases, we might identify scaling as the issue. But we should first identify the core problem. So, start with tracing. We can also achieve scale in server-ful technologies.

Reference link- https://cloud.google.com/trace

NEW QUESTION 170
- (Exam Topic 2)
An application has become very popular and the number of requests/users is increasing quickly. There is a meeting to figure out how to scale the systems so that they can accept user requests and still have the capacity to spare. What is the preferred option?

A. Circular Scaling takes a round-robin approach to allocate and destroy VMs.
B. Triangular Scaling takes an automated average of Cost, Effort, and Time.
C. Vertical Scaling
D. Horizontal Scaling

Answer: D

Explanation:
Horizontal scaling, also called scaling out, adds new VMs to increase application capacity.

NEW QUESTION 171
- (Exam Topic 2)
The government has mandated that companies in a particular section of healthcare must retain all the data they collect for a period of 10 years in case an audit needs to be done. Your client, who is in that industry, needs to follow regulations. In addition, your client wants to do an analysis of the data quite frequently in the first year. They also don't want to be liable for any data beyond year 10. What would recommend for your customer?

A. Use Cloud Storage with nearline storage in year one and Coldline storage thereaf-te
B. Use Object lifecycle management to move between storage types and delete them after 10 years.
C. Use Cloud Storage with standard storage in year one and Coldline storage there-afte
D. Set a Cloud Scheduler trigger for 1 year to change storage types and 10 years to delete the data.
E. Use Cloud Storage with standard storage in year one and archival storage thereaf-te
F. Use Object lifecycle management to move between storage types and delete them after 10 years.
G. Use Cloud Storage with standard storage in year one and Coldline storage there-afte
H. Set a Cloud Tasks to trigger for 1 year to change storage types and 10 years to delete the data.

Answer: C

Explanation:
Cloud storage supports Object Lifecycle Management. To support common use cases like setting a Time to Live (TTL) for objects, retaining noncurrent versions of objects, or "downgrading" storage classes of objects to help manage costs, Cloud Storage offers the Object Lifecycle Management feature.
Standard storage is recommended for frequently accessed data and Archive for data accessed less than once a year.
Nearline, Coldline, and Archive offer ultra-low-cost, highly-durable, highly available archival storage. For data accessed less than once a year, Archive is a cost-effective storage option for the long-term preservation of
data. Coldline is also ideal for cold storage—data your business expects to touch less than once a quarter. For warmer storage, choose Nearline: data you expect to access less than once a month, but possibly multiple times throughout the year.

NEW QUESTION 176
- (Exam Topic 2)
Which of the following methods should you use when you require a dynamic way of provisioning VMs on Compute Engine when it is observed that the exact specifications will be in a dedicated configuration file and you want to follow Google's recommended practices.

A. Managed Instance Group
B. Deployment Manager
C. Cloud Composer
D. Unmanaged Instance Group

Answer: B

Explanation:
The question is about a dynamic way to provision VM, it can be achieved by a Deployment manager or by using terraform. MIG is creating multiple machines based on templates by load balancing

NEW QUESTION 179
- (Exam Topic 2)
A small scale retailer has been collecting its point of sale transaction in a PostgreSQL Da-tabase. They have raised funding for a strategic expansion goal in the next year that will see them grow significantly in Asia, Europe, North America, Which Database option should they choose in Google Cloud?

A. BigQuary
B. Spanner
C. Cloud SQL
D. Bigtable

Answer: B

Explanation:
Spanner is a global scale Database that Support SQL querying, Similar to PostgreSQL, Which will be regional. So that will be a fairly smooth move, Since they have the time and the funding, they can plan for this migration.

NEW QUESTION 180
- (Exam Topic 2)
With respect to the Core Feature of Standby Instances of Cloud SQL which one of the options is correct.?

A. The standby instance is used in high availability to replace the primary instance when failover occurs.The standby instance appears in the Google Cloud Console but does not get bille
B. When failover occurs, connections to the primary instance need to be manually transferred to the standby instance.
C. The standby instance is used in high availability to replace the primary instance when failover occurs.The standby instance appears in the Google Cloud Console but does not get bille
D. When failover occurs, connections to the primary instance are automatically transferred to the standby instance.
E. The standby instance is used in high availability to replace the primary instance when failover occurs.The standby instance doesn't appear in the Google Cloud Consol
F. When failover occurs, connections to the primary instance are automati-cally transferred to the standby instance.
G. None of the Above.

Answer: C

Explanation:
The standby instance is used in high availability to replace the primary instance when failover occurs. The standby instance doesn't appear in the Google Cloud Console. When failover occurs, connections to the primary instance are automatically transferred to the standby instance.
Cloud SQL Key Terms:
Cloud SQL instance
A Cloud SQL instance corresponds to one virtual machine (VM). The VM includes the database instance and accompanying software containers to keep the database instance up and running.
Database instance
A database instance is the set of software and files that operate the databases: MySQL, PostgreSQL or SQL Server.
High availability
Cloud SQL instances using high availability (HA) provide greater reliability than non-HA instances.
HA in Cloud SQL works by having two synchronized instances: a primary instance and a standby instance. Each instance has exactly one VM. Each instance is in a different zone in the same region.
Failover
A failover is when Cloud SQL switches serving from the original primary instance to the standby instance. Autofailover is a mechanism that automatically triggers failover when a Cloud SQL instance didn't issue a
heartbeat in the previous interval.
Standby instances
The standby instance is used in high availability to replace the primary instance when failover occurs. The standby instance doesn't appear in the Google Cloud Console. When failover occurs, connections to the primary instance are automatically transferred to the standby instance.
Clone
When you clone a Cloud SQL instance, you create a new instance that is a copy of the source instance, but is completely independent. After cloning is complete, changes to the source instance are not reflected in the clone, and changes in the clone are not reflected in the source instance.
Replication
Replication is the ability to create copies of a Cloud SQL instance or an on-premises database, and offload work to the copies. The main reason for using replication is to scale the use of data in a database without degrading performance on the primary instance.
Read replica
The read replica is an exact copy of the primary instance. Data and other changes on the primary instance are updated in almost real time on the read replica. Send your write transactions to the primary instance, and your read requests to the read replica. The read replica processes queries, read requests, and analytics traffic, thus reducing the load on the primary instance.
Source server
Replication copies transactions from a primary instance to one or more read replicas. The primary instance is also called the source server. The source server can be a Cloud SQL primary instance, or a server outside of Google Cloud, such as an on-premises server or a server running in a different cloud. If the source server is outside of Google Cloud, we call it Replication from an external server.
Cloud SQL Auth proxy client
The Cloud SQL Auth proxy client is open source software maintained by Cloud SQL. It connects to a companion process, the Cloud SQL Auth proxy server, running on your Cloud SQL instance. You run the Cloud SQL Auth proxy client on your own servers. The Cloud SQL Auth proxy client can be used to establish a secure SSL/TLS connection to the database instance, and/or to avoid having to open the firewall. Authentication is done through Identity and Access Management (IAM).

NEW QUESTION 185
- (Exam Topic 2)
When you update the function in firebase by deploying updated code, instances for older versions are cleaned up along with build artifacts in and replaced by new instances.

A. Google Cloud console.
B. Storage and Container Registry.
C. Container Registry repository.
D. None of the Above

Answer: B

Explanation:
Container Registry is a single place for your team to manage Docker images, perform vulnerability analysis, and decide who can access what with fine-grained access control

NEW QUESTION 188
- (Exam Topic 2)
certain devices for cracks, rust, etc. Some of these issues are difficult to identify for a human and your company has seen increasing customer complaints - the customer has paid for an inspection and the field agent said there was no problem, but it later turned out there actually was. The team has come up with a proposal to engage AI to identify issues. On evaluating the existing system, it is seen that the mobile phone network connection is not good or consistent. What solution can work for them?

A. Use AutoML Vision Edge models.
B. Use the Rust programming language instead of Python to identify issues like rust.
C. Use Cloud TPUs which will be able to do the analysis faster on the clou
D. Thus re-sponses also will be fast.
E. Use TensorFlow to create custom models and deploy it as TensorFlow Lite mod-els.

Answer: A

Explanation:
AutoML Vision Edge model can be deployed to one of several types of edge devices, such as mobile phones,
ARM-based devices, and the Coral Edge TPU
https://cloud.google.com/vision/automl/docs/edge-quickstart

NEW QUESTION 190
- (Exam Topic 2)
What is a key difference between VMs and containers?

A. Virtual Machines take less time to launch; containers take longer to launch.
B. Virtual Machines can only run Linux; containers can run any operating system.
C. Virtual Machines use a shared operating system and are therefore lighter; containers are heavier on resources.
D. Each Virtual Machine in a machine has its own operating system; containers will share the same operating system.

Answer: D

Explanation:
VMs have their individual OSs. All containers on a node use the host operating system.

NEW QUESTION 191
- (Exam Topic 2)
What issues can arise when organizations integrate third-party systems into their cloud infrastruc-ture?

A. Third-party systems may not be powerful enough to run many critical business applications.
B. Without sufficient security measures and regular checks, unsecured third-party systems can pose a threat to data security.
C. Over-reliance on third-party systems limits an organization's potential for innova-tion.
D. Third-party systems are less capable of addressing an organization's security re-quirements.

Answer: B

Explanation:
Because unsecured third-party systems are a cybersecurity threat.

NEW QUESTION 192
- (Exam Topic 2)
A large travel services company has been running all their workloads on Google Cloud in the previous year. They looked at their past usage of cloud resources and see that there is a consistent use of 10,000 virtual machines throughout the year. Based on the projections for the following year they have a strong indication that they will use at least this much or more capacity within Google Cloud. What is one way in which they can take advantage of this knowledge?

A. They can use these numbers to negotiate a better contract with another public cloud number.
B. They can cut costs by cutting down on the number of VMs used.
C. They can get into a committed use contract with Google Cloud to get a significant discount on the usage of VMs.
D. They can ask for a sustained use discount.

Answer: C

Explanation:
Compute Engine lets you purchase committed use contracts in return for deeply discounted prices for VM usage. These discounts are referred to as committed use discounts. Committed use discounts are ideal for workloads with predictable resource needs. When you purchase a committed use contract, you purchase Compute Engine resources—such as vCPUs, memory, GPUs, local SSDs, and sole-tenant nodes—at a discounted price in return for committing to paying for those resources for 1 year or 3 years. The discount is up to 57% for most resources like machine types or GPUs. The discount is up to 70% for memory-optimized machine types.

NEW QUESTION 197
- (Exam Topic 2)
Firebase Hosting provides the following services

A. Dynamic content
B. Static content.
C. Microservices.
D. All of the Above.

Answer: D

Explanation:
Firebase Hosting- Firebase Hosting provides fast and secure hosting for your web app, static and dynamic content, and microservices.
Firebase Hosting is production-grade web content hosting for developers. With a single command, you can quickly deploy web apps and serve both static and dynamic content to a global CDN (content delivery network). You can also pair Firebase Hosting with Cloud Functions or Cloud Run to build and host microservices on Firebase.
Key capabilities of Firebase Hosting:

Serve content over a secure connection:- The modern web is secure. Zero-configuration SSL is built into Firebase Hosting, so content is always delivered securely.

Host static and dynamic content plus microservices:- Firebase Hosting supports all kinds of content for hosting, from your CSS and HTML files to your Express.js microservices or APIs.

Deliver content fast: Each file that you upload is cached on SSDs at CDN edges around the world and served as gzip or Brotli. We auto-select the best compression method for your content. No matter where your users are, the content is delivered fast.

NEW QUESTION 198
- (Exam Topic 2)
Which of the following statements is / are correct about Machine Learning?

A. Machine learning examples include chatbots and automated virtual assistants to automate routine customer service tasks and speed up issue resolution.
B. Machine learning automates the job of building statistical models with Human In-tervention.
C. Robotic process automation (RPA) can not be attached with ML.
D. None of the Above.

Answer: A

Explanation:

Customer service
Machine learning examples include chatbots and automated virtual assistants to automate routine customer service tasks and speed up issue resolution.

NEW QUESTION 202
- (Exam Topic 2)
Your customer has a reporting tool that is only occasionally used by the leadership team. Usage of it is frequent - once a week, once a month, or once the quarter. They want to run this application in a cost-effective manner. What are the compute options available on Google Cloud which would be suitable? (Choose Two answer)

A. Cloud Run
B. Cloud App Engine Standard
C. Compute Engine
D. Kubernetes Engine

Answer: AB

Explanation:
Since the use of the tool is infrequent/intermittent, you can choose to compute options that are serverless. Both Cloud Run and Cloud App Engine Standard are serverless options that can shut down to zero. Since
cost-effectiveness is a requirement, this will not cost anything during the periods it is not used.

NEW QUESTION 203
- (Exam Topic 2)
Your Coustomer's Organization has decided to move to the cloud. They currently run VMs on-promise but their goal on Google cloud is to run containers, primarily on Google Kuber-nete's Engine. They have a lease for their private data center for another year that they have already paid for. What could be strategy they could adopt in migrating?

A. Jump and Ramp.
B. Improve and Move.
C. Rip and Replace.
D. Left and Shift.

Answer: B

Explanation:
Since they have already paid for data center for another year. They have the time and resources to work with,
They can make the change to their workloads locally/on-promise Improve and Migrate Move to Google
Cloud later on.

NEW QUESTION 208
- (Exam Topic 3)
How would a global organization benefit from managing their data with Cloud Spanner?

A. Cloud Spanner is optimized for cold storage
B. Cloud Spanner replicates data across regions in real time
C. Cloud Spanner is optimized to ingest unstructured data
D. Cloud Spanner visualizes and analyzes data in real time

Answer: B

Explanation:
Spanner is Google's scalable, multi-version, globally-distributed, and synchronously-replicated database.

NEW QUESTION 211
- (Exam Topic 3)
An organization wants to transform multiple types of structured and unstructured data in the cloud from various sources. The data must be readily accessible for analysis and insights.
Which cloud data storage system should the organization use?

A. Relational database
B. Private data center
C. Data field
D. Data warehouse

Answer: D

Explanation:
It supports real-time insights. A data warehouse is an enterprise system used for the analysis and reporting of structured and semi-structured data from multiple sources,
https://cloud.google.com/learn/what-is-a-data-warehouse

NEW QUESTION 214
- (Exam Topic 3)
When an organization adopts cloud technology, how does their total cost of ownership (TCO) shift?

A. Away from cost management toward capital expenditure
B. Away from operational expenditure toward cost management
C. Away from capital expenditure toward operational expenditure
D. Away from operational expenditure toward capital expenditure

Answer: C

NEW QUESTION 216
- (Exam Topic 3)
An organization finds that the amount of cash in their vending machines doesn't match the value of items sold. They have decided to upgrade their vending machines with cloud-based mobile payment systems.
How could the organization benefit from this upgrade?

A. They could relax data access permissions.
B. They could reduce their error budget overspend.
C. They could improve their perimeter security.
D. They could view data history to see transactions.

Answer: D

NEW QUESTION 220
- (Exam Topic 3)
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)?

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: C

NEW QUESTION 223
- (Exam Topic 3)
Why should an organization consider the total cost of ownership (TCO) when moving from on-premises to the cloud?

A. To evaluate error budget
B. To understand service level availability
C. To evaluate return on investment
D. To calculate required compute power

Answer: C

NEW QUESTION 227
- (Exam Topic 3)
An organization wants to build an entirely new infrastructure and applications in the cloud. Which application modernization approach should the organization use?

A. Move the application to the cloud, and then change it.
B. Change their application, and then move it to the cloud.
C. Invent in greenfield.
D. Invent in brownfield.

Answer: C

Explanation:
A Greenfield approach is a brand-new implementation , where companies then add their needed configurations and customizations. This approach provides a clean slate to start from, does not carry over needless customizations and technical debt, and provides a solid foundation for business process re-engineering.
A greenfield deployment is the design, installation and configuration of computer infrastructure where none existed before, for example, in a new office. In contrast, a brownfield deployment is an upgrade or addition to existing infrastructure using legacy components.

NEW QUESTION 229

- (Exam Topic 3)
An organization needs to categorize a large group of photographs using pre-trained machine learning. Which Google Cloud product or service should the organization use?

A. Vision API
B. BigQuery ML
C. AutoML Vision
D. Looker

Answer: A

Explanation:
https://cloud.google.com/vision

NEW QUESTION 233
- (Exam Topic 3)
An organization wants to use BigQuery data analytics to understand their website performance, but wants to move only some data into the cloud.
Which environment should the organization use?

A. Private cloud
B. On-premises
C. Multi-cloud
D. Hybrid cloud

Answer: D

Explanation:
The assumption should be made that there is still a private network involved. Hybrid clouds always include a private cloud and are typically managed as one entity. Multi-clouds always include more than one public cloud service, which often perform different functions.

NEW QUESTION 234
- (Exam Topic 3)
An organization wants its users to validate a series of new features for their app. Why should they use App Engine?

A. Because their app is containerized and enabled by microservices
B. Because the updated app will only include new features
C. To run different versions of the app for different users
D. To run different versions of the app for the same user

Answer: C

NEW QUESTION 239
- (Exam Topic 3)
How is service availability measured in the context of cloud technology?

A. Number of available regions
B. Percentage of uptime
C. Speed of response time
D. Number of downtime incidents

Answer: B

NEW QUESTION 241
- (Exam Topic 3)
Several departments in an organization are working together on a project. The organization wants to customize access to resources for each department.
What is the quickest and most efficient way to achieve this?

A. By mapping IAM roles to job functions for each department
B. By assigning IAM primitive roles to each employee
C. By applying least-privilege to roles for each employee
D. By creating a single shared service account for all departments

Answer: A

NEW QUESTION 242
- (Exam Topic 3)
An organization is using machine learning to make predictions. One of their datasets mistakenly includes mislabeled data.
How will the prediction be impacted?

A. Increased risk of privacy leaks
B. Increased risk of inaccuracy
C. Decreased model compatibility
D. Decreased model training time

Answer: B

NEW QUESTION 246

- (Exam Topic 3)
Which technology allows organizations to run multiple computer operating systems on a single piece of physical hardware?

A. Hypervisor
B. Containers
C. Serverless computing
D. Open source

Answer: A

NEW QUESTION 251
- (Exam Topic 3)
What is an example of structured data that a healthcare facility stores in their system?

A. X-ray images
B. Surgery video recordings
C. Blood pressure history
D. Physician-written notes

Answer: C

Explanation:
Physical measures like height, weight, blood pressure, blood type, and stage of the disease can be recorded numerically and they are structured.

NEW QUESTION 253
- (Exam Topic 3)
An organization wants to move from a tactical cloud adoption approach to a transformational approach. How should they adapt the way they lead the organization?

A. Increase top-down visibility and foster a culture of blamelessness
B. Shift from an operational expenditure model to capital expenditure
C. Drive cloud adoption with an individual contributor focus
D. Invest in on-premises infrastructure to redesign relationships between IT and employees

Answer: A

NEW QUESTION 254
- (Exam Topic 3)
An organization wants to develop an application that can be personalized to user preferences throughout the year.
Why should they build a cloud-native application instead of modernizing their existing on-premises application?

A. Developers can rely on the cloud provider for all source code
B. Developers can launch new features in an agile way
C. IT managers can migrate existing application architecture without needing updates
D. IT managers can accelerate capital expenditure planning

Answer: B

NEW QUESTION 258
- (Exam Topic 3)
An organization's developers are growing increasingly frustrated by the limitations of their on-premises infrastructure.
How would they benefit from leveraging cloud technology?

A. They can expect 100% service availability.
B. They can avoid the limitations of serverless computing.
C. They can have new tools to innovate and optimize resource usage.
D. They can optimize maintenance for their on-premises infrastructure.

Answer: C

Explanation:
Google cloud have vast majority of products/tools that you can use to innovate. Additionally, there are products in google that scale automatically based from usage (Ex. App Engine, Cloud Run, etc.)

NEW QUESTION 263
- (Exam Topic 3)
An organization recently launched a virtual customer support agent, generating vast amounts of text and speech data.
Why should they use a cloud data warehouse to interpret this data?

A. To natively visualize both types of data using a dashboard in real time
B. To ingest and analyze structured and unstructured data at scale, in real time
C. To secure data transmission between cloud and on-premises environments
D. To transform data from structured to unstructured

Answer: B

Explanation:
Real-time data ingestion and updates. A simple and universal solution for continually ingesting your enterprise data into popular cloud-based data warehouses in

real time.
https://www.qlik.com/us/cloud-data-migration/cloud-data-warehouse

NEW QUESTION 264
- (Exam Topic 3)
A retail company stores their product inventory in a legacy system. Often, customers find products on the company's website and want to purchase them in-store. However, when they arrive, they discover that the products are out of stock.
How could the company benefit from using an application programming interface (API)?

A. To create personalized product recommendations for customers
B. To optimize their on-premises legacy system stability
C. By manually linking each inventory system to the website on a case-by-case basis
D. By programmatically connecting the inventory system to their website

Answer: D

Explanation:
By programmatically connecting the inventory system to their website The issue is the website shows an item is available at the store, but when the customer gets to the store, they find out that item is out of stock.

NEW QUESTION 265
- (Exam Topic 3)
An organization is searching for an open-source machine learning platform to build and deploy their own custom machine learning applications using TPUs.
Which Google Cloud product or service should the organization use?

A. TensorFlow
B. BigQuery ML
C. Vision API
D. AutoML Vision

Answer: A

Explanation:
https://en.wikipedia.org/wiki/TensorFlow TensorFlow is a free and open-source software library for machine learning and artificial intelligence. Developer Google Brain Team

NEW QUESTION 269
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