



Cloud Digital Leader Certification



[GDSC India] CDL Practice quiz Slot 1

Total points 24/50





Hello everyone,

Welcome to CDL Practice quiz Slot 1

Instructions

- Exam contains **50 questions** and is of **1 hour 30 mins duration**
- The link opens at **7:00PM** and it will automatically close at **8:30PM IST.** Ensure you submit at least 5 Mins before the time.
- Attempt the exam using the same email address that you used during signup
- Ensure you have a stable internet connection while you take the quiz
- You are allowed to submit only once, make sure that you have correctly attempted all the questions before submission
- · Any issues faced during the exam please write to gdsc-india-connect@google.com

All the best:)

Email *	
dd8353@srmist.edu.in	

0 of 0 points

Your Chapter Name *

Please ensure you select your Institution name as per Advocu. To check the latest view here (https://gdsc.advocu.com/)

SRM Institute of Science & Technology - Kattankulathur



Name *

Divyanshu Yadav

Your email id *	
Ensure you fill the same email id used wl	nile signing up
dd8353@srmist.edu.in	

Practice Test Questions 24	of 50 points
X You are a mobile gaming company and you need to process real-ti- game metrics to be analyzed for business intelligence. The metrics are stored in Cloud Storage buckets collected from Cloud Logging want a service that can process the data so it can be analyzed in BigQuery. Which service is best suited to process the logs and ger aggregate metrics to be analyzed?	s of logs J. You
O Dataflow	
Cloud SQL	×
O DataProc	
O Dataprep	
Correct answer	
Dataflow	
A financial services firm wants to migrate an existing application to cloud but doesn't want to risk service downtime. For this reason, the have chosen to opt for redundancy and build a new application in cloud while continuing to run their old application on-premises. When standard pattern of cloud migration describes this scenario? Select correct answer.	hey the hich
Invent in brownfield	✓
Move then change	
Invent in greenfield	
Change then move	

×	Which Google cloud offering is best suitable for Apache Spark and Presto solutions?	0/1
0	Dataproc	
0	Dataprep	
0	Google Kubernetes Engine	
•	Cloud Run	×
Corre	ect answer	
•	Dataproc	
×	The finance team just posted an open role for a Financial Manager. Jessica, the recruiter, wants to use a machine learning (ML) model to predict when the new position would be filled. Why is this use case not suitable for ML? Select the correct answer.	0/1
×	Jessica, the recruiter, wants to use a machine learning (ML) model to predict when the new position would be filled. Why is this use case not	0/1
× 0	Jessica, the recruiter, wants to use a machine learning (ML) model to predict when the new position would be filled. Why is this use case not suitable for ML? Select the correct answer.	0/1
× ·	Jessica, the recruiter, wants to use a machine learning (ML) model to predict when the new position would be filled. Why is this use case not suitable for ML? Select the correct answer. Once the prediction is made, the ML model is no longer useful.	0/1
×	Jessica, the recruiter, wants to use a machine learning (ML) model to predict when the new position would be filled. Why is this use case not suitable for ML? Select the correct answer. Once the prediction is made, the ML model is no longer useful. The problem statement is too vague and wouldn't benefit the overall company. Jessica would need access to sensitive employee data to train a custom ML	

is a complete operating environment with applications, management and user interface.	nt, 0/
all the above	
PaaS	
IaaS	
SaaS	×
ect answer	
laaS	
Sajid is a developer for an online apparel retail company. What kind of architecture should he use for the applications he develops, and why? Select the correct answer.	0/
Microservice pattern, because it's modular and therefore easy to update.	
API gateway pattern, because it's modular and therefore easy to update.	×
Monolithic pattern, because it's modular and therefore easy to update.	
Client-server pattern, because it's modular and therefore easy to update.	
ect answer	
Microservice pattern, because it's modular and therefore easy to update.	
	all the above PaaS IaaS SaaS rect answer IaaS Sajid is a developer for an online apparel retail company. What kind of architecture should he use for the applications he develops, and why? Select the correct answer. Microservice pattern, because it's modular and therefore easy to update. API gateway pattern, because it's modular and therefore easy to update. Client-server pattern, because it's modular and therefore easy to update. Client-server pattern, because it's modular and therefore easy to update. Pect answer Microservice pattern, because it's modular and therefore easy to update. Your organization is considering adopting cloud service but there is concern about Google Cloud meeting regulatory compliance. You need download audit documents performed by third-party providers to prove

\sim	1	
0	BeyondCorp	
0	Assured Workloads	
	Security Command Center	✓
/	The most fundamental unit of cloud computing is?	1/1
0	Block	
0	Subnet	
	VM	✓
0	Physical Server	
~	An organization has an LDAP(Lightweight Directory Access Protocol) server where they want to allow their users to access Google Cloud resources. Whenever an LDAP user is removed, it should also remove access to Google Cloud. Which service will meet this requirement?	1/1
0	BeyondCorp	
0	Cloud Identity	
0	Identity-Aware-Proxy	
•	Google Cloud Directory Sync	✓
~	An organization with a GCP account has 50 TB of data residing on their local storage and they want to quickly transfer the data to Google Cloud for analysis. Which service can the organization use to meet this requirement?	1/1
0	Cloud Storage	
•	Transfer Appliance Service	✓
0	Dataproc	

X Stackdriver service that alerts when the CPU utilization of a virtual machine exceeds 80& limit?
Cloud Debug
Monitoring
logging
Cloud Trace
Correct answer
Monitoring
X An organization has a mobile workforce that frequently meets customers 0/1 at their offices or in public spaces. There is a concern within your organization that internal company data visualizations from Looker should only be accessible from cooperating devices when being accessed within the corporate offices. Which security service allows for limiting access in this scenario?
Cloud Identity
O IAM
BeyondCorp and Identity-Aware Proxy
Organization Policy Service
Correct answer
BeyondCorp and Identity-Aware Proxy

×	What is a critical outcome of API management? Select the correct answer	er. 0/1
0	Distributing and creating regular new business features.	
0	Measuring and tracking business performance.	
0	Updating and repairing outdated business components.	
•	Digitizing and modernizing siloed business data.	×
Cori	rect answer	
•	Measuring and tracking business performance.	
×	You are the team leader assigned to the development of an application. You must optimize the efficient workflow of multiple developers working on the development project while ensuring great flexibility for the entire process. Which of the following cloud computing services is best suited for the task?	0/1
0	Platform as a Service (PaaS)	
0	Function as a Service (FaaS)	
0	Infrastructure as a Service (laaS)	
	Software as a Service (SaaS)	×
Cori	rect answer	
•	Function as a Service (FaaS)	

X A VP of a large enterprise is trying to convince the executives of the cost-0/1 saving benefits of moving their on-premise workloads to the cloud. Which of the following are characteristics of OPEX? (Choose 2) a.You pay based on usage b.You can stop paying for on-premise licenses c.You pay a single time cost for hardware d.The cloud service provider is responsible for everything
○ A&B
A&D
○ A&C
O D&B
Correct answer
□ D&B
X Your organization has virtual machines running on-premise that they want 0/1 to migrate to the cloud. Which choice would be suited for this migration?
Migrate for Compute Engine
Migrate for Anthos
■ Google Cloud VMWare Engine
Migration waves
Correct answer
Migrate for Compute Engine

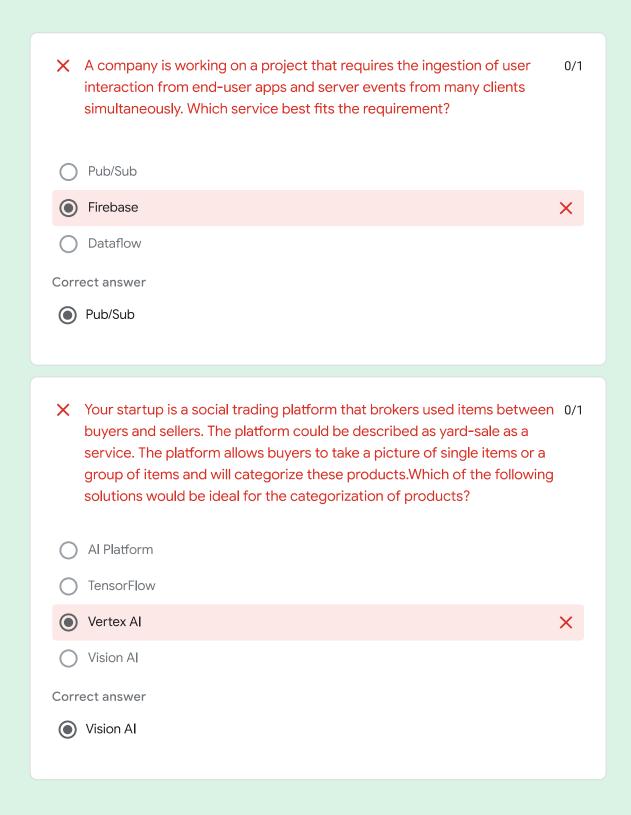
×	An organization is reviewing its monthly operational expenditure on the Google Cloud platform and breaking down spending per region. Which built-in cloud billing report would be ideal for visualization regional spending?	0/1
0	Committed use discounts reports	
0	Cost Breakdown Report	
•	Cost Table Reports	×
0	Billing Reports	
Corr	ect answer	
•	Billing Reports	
/	In google cloud pricing of a VM can ve vary based on	1/1
•	All of the above	✓
0	Type and Size of storage disk	
0	Server Location	
0	Machine Type	

×	You are a developer startup developing a new food delivery service for popular dine-in and fast food restaurants. An important component to to design is having real-time updates reflected as soon as they are added changed to the database, ensuring that customers and drivers are awar of when food is ready for pickup and when food is in transit to their end destination. Which Google offering best meets these requirements?	or e
С) Firestore	
С) Cloud Storage	
•) Pub/Sub	×
C) Dataflow	
Cor	rect answer	
•) Firestore	
×	An organization is migrating to Google Cloud and has a legacy PHP application running on Windows 2012 server. This legacy application is designed for internal business purposes and is not heavily used but cannot be eliminated due to its critical business function. The organizati wants to eliminate the cost for a Windows License and ideally have a near-zero cost while also being as fully managed as possible. Which computing service would be most ideal for their use case?	0/1 on
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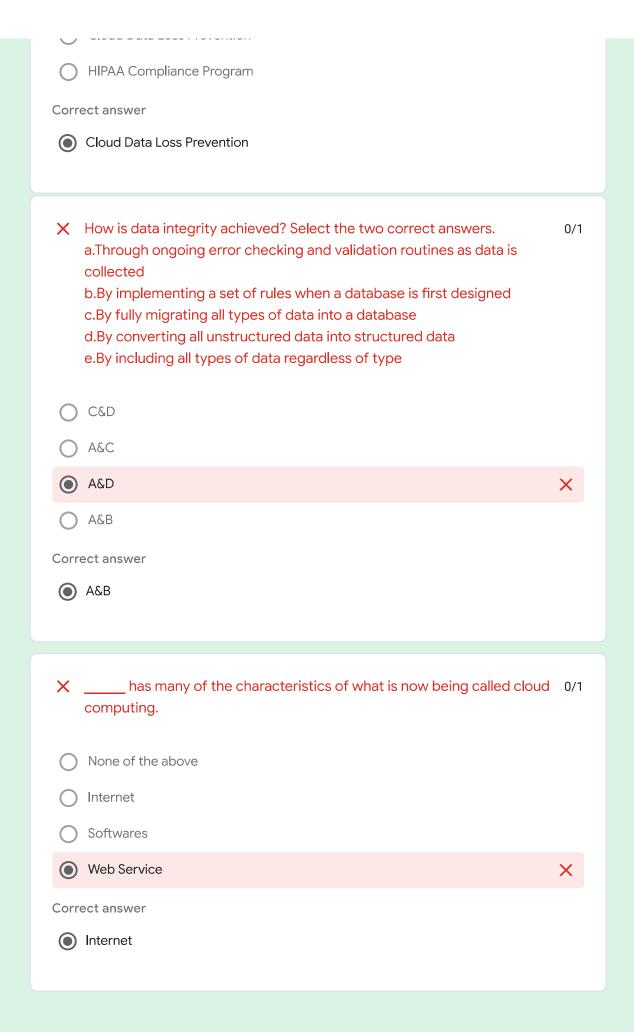
X In GCP, to change the machine type of an existing VM instance, the instance must be in which state	
○ Start	
Running	
Suspend	
○ Stop	
Correct answer	
Stop	
Your organization has a large amount of sensitive data they want to analyze using cloud services. They are looking for a cloud networking solution to establish a secure connection to their Virtual Private Cloud(VPC). The method must be cost-effective, and the connection does not require low latency and high availability. What cloud networking solution will meet the requirements to establish a secure connection to their Virtual Private Cloud(VPC)?	
O Partner Interconnect	
Cloud VPN	
Anthos	
O Dedicated Interconnect	
Correct answer	
Cloud VPN	

✓ Talent, Environment, and Empowerment are three focus areas that G has identified as foundational to organizational transformation. What the other three focus areas? Select the correct answer.	•
Management, Tactics, Innovation	
Structure, Tactics, Creativity	
Structure, Strategy, Innovation	✓
Management, Strategy, Creativity	
Which specific cloud computing feature helps businesses serve their customers without service interruption and in a cost-effective way? Select the correct answer.	
On-demand service	
Large Network Access	
Elasticity	✓
O Agility	
 Google Cloud's tools offer four key benefits for managing cloud cos What are they? Select the correct answer. 	ts. 1/1
Usability, accountability, control, measurability.	
Scalability, visibility, control, affordability.	
Measurability, scalability, accountability, intelligent recommendations.	
Visibility, accountability, control, intelligent recommendations.	✓

✓ The technology team of a pharmaceutical business decides to adop automated continuous integration and deployment (CI/CD) approace What is the primary value of using a CI/CD approach for the overall business? Select the correct answer.	
It improves security of services and solutions.	
It increases application release velocity and reliability.	✓
It prevents infrastructure failures and downtime.	
It allows developers to build using APIs.	
What primary factors contribute to the complexity of calculating the cost of ownership (TCO) when migrating to the cloud? Select the two correct answers.	
Qualified personnel (i.e. Financial controller with expertise in cloud)	✓
Cloud architecture (i.e. private, hybrid, and multi-cloud architecture)	✓
Product or service features (i.e. the ability to export or visualize data direct tool)	ctly in a
Government regulations (i.e. location of data storage per 3rd part regulati	ons)
★ All cloud computing applications suffer from the inherent	_that
is intrinsic in their WAN connectivity	
Propagation	
all the above	×
Latency	
noise	



its first Business-to- about the popularity make sure the opera	working for a well-established organization buildin consumer(B2C) web application. There is uncertain of this new web application. You have been asked ational costs can scale to zero.Which two Google options to meet the requirements? (Select 2)	nty
Cloud Run		✓
Dataproc		
Pub/Sub		
✓ Firebase		✓
·	ect instant access to services anytime, anywhere. need to prioritize to meet these changing needs? nswer.	1/1
O Localizing existing ap	plications	
Streamlining existing	hardware	
Updating hardware sy	ystematically	
Launching new application	cations quickly	✓
advantage of the clo Personally Identifiab ensure PIIs are de-io	as customer data on-premise but wants to take oud's storage security and durability. The data cont le Information (PII) and the organization wants to dentified via masking to keep this information ould offer this protection?	0/1 ains
BeyondCorp		
Cloud Storage		×
Cloud Data Loss Prev	ention	

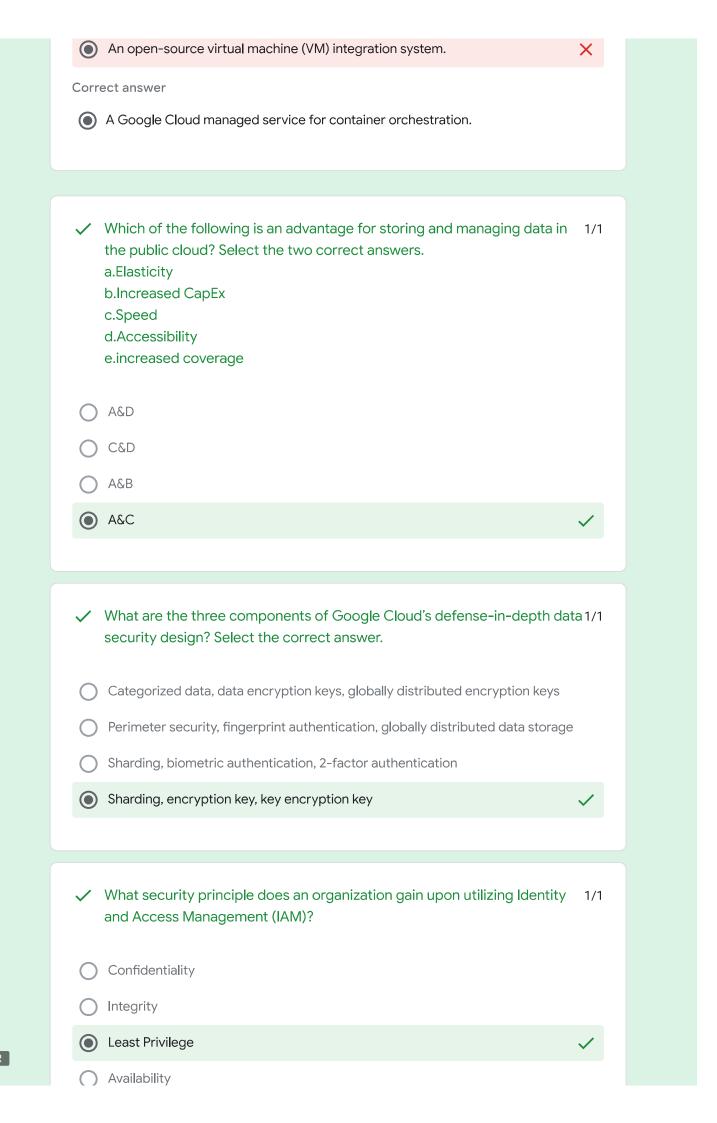


×	Julia is worried that some of her team members will accidentally overspend on Google Cloud. How would creating a custom dashboard help address her concern? Select the correct answer.	0/1
0	It would give her (and her teammates) greater visibility into costs.	
•	It would streamline her budget allocation.	×
0	It would centralize their spending on cloud resources.	
0	It would limit the number of people who could spin up resources.	
Corr	rect answer	
•	It would give her (and her teammates) greater visibility into costs.	
×	A game company is set to release their new sports title next week and it's expected to receive large amounts of traffic for the first quarter. It is important the reads have very low latency. Which data store is ideal for this use case?	
0	Firestore	
0	Cloud Storage	
0	Cloud BigTable	
•	BigQuery	×
Corr	rect answer	
•	Cloud BigTable	

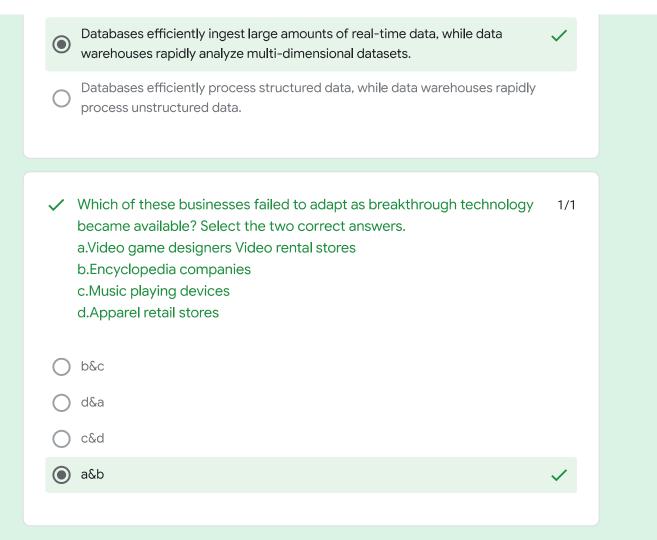
✓ You have been tasked to transfer on-premises data from your network your Virtual Private Cloud (VPC) networks in Google Cloud. The metho transfer requires that you fully control the interconnect, high availability and a 10 Gbps pipe. Cost is not a factor. Which of the following method fulfills the requirement?	d of y,
Cloud Partner Interconnect	
O Direct Peering	
Cloud VPN	
Cloud Dedicated Interconnect	✓
✓ A national hotel chain is using a combination of on-premises data center and public cloud services for their IT infrastructure. What type of IT infrastructure model is this? Select the correct answer.	ers 1/1
Virtualization	
Hybrid cloud	✓
Multi-cloud	
Colocation	
✓ What is App Engine? Select the correct answer.	1/1
A platform for building scalable web applications and mobile backends.	✓
A platform for managing the software and infrastructure required to run you code.	r
An application for powering the hardware and data services for scalable feat	tures.
An application for visibility and management into backend software platform	IS.

✓ What are the key benefits of using cloud technology to unlock value from data, especially for traditional Enterprises? Select the two correct answers. a.Businesses can process terabytes of data in real-time. b.Customers can collaborate with corporations to create industry trends c.Customers can now gain access to their own data instantly. d.Businesses can query their data and retrieve results instantly. e.Businesses can access open source data like never before. 	
	✓
○ A&E	
○ A&B	
○ A&C	
Cloud computing is a concept that involves pooling physical resources and offering them as which sort of resource?	1/1
Virtual	✓
Cloud	
○ Real	
None of the mentioned	
★ What is Google Kubernetes Engine (GKE)? Select the correct answer.	0/1
An open-source container-orchestration system.	
A Google Cloud managed service for container orchestration.	

!



Michelle wants to manage her team's APIs and provide security policies 1/1 for identity verification, authentication, and access control. What Google Cloud solution should she choose? Select the correct answer.
BigQuery
Google Kubernetes Engine
Apigee
Cloud Identity
You are migrating virtual machines from your on-premise environment to 0/1 Google Cloud. In case of failure, you want to be able to experiment and try the migrated VMs before putting them in production. Which option will meet this requirement?
Migration waves Runbook
Migrate for Anthos
Migrate for Compute Engine Test Clones
Cloud Run
Correct answer
Migrate for Compute Engine Test Clones
✓ How do databases and data warehouses differ? Select the correct answer. 1/1
Data warehouses efficiently process structured data, while databases rapidly process software data.
Data warehouses efficiently ingest large amounts of real-time data, while



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