

Google Cloud

Cloud Digital Leader Certification



[GDSC India] CDL Practice quiz Slot 2

Total points 41/50





Hello everyone,

Welcome to CDL Practice quiz Slot 2

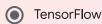
Instructions

- Exam contains **50 questions** and is of **1 hour 30 mins duration**
- The link opens at 11:00AM and it will automatically close at 12:30PM 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

- X Your startup is a social trading platform that brokers used items between 0/1 buyers and sellers. The platform could be described as yard-sale as a service. The platform allows buyers to take a picture of single items or a group of items and will categorize these products. Which of the following solutions would be ideal for the categorization of products?
- Al Platform





Vertex AI

Vision Al

Correct answer

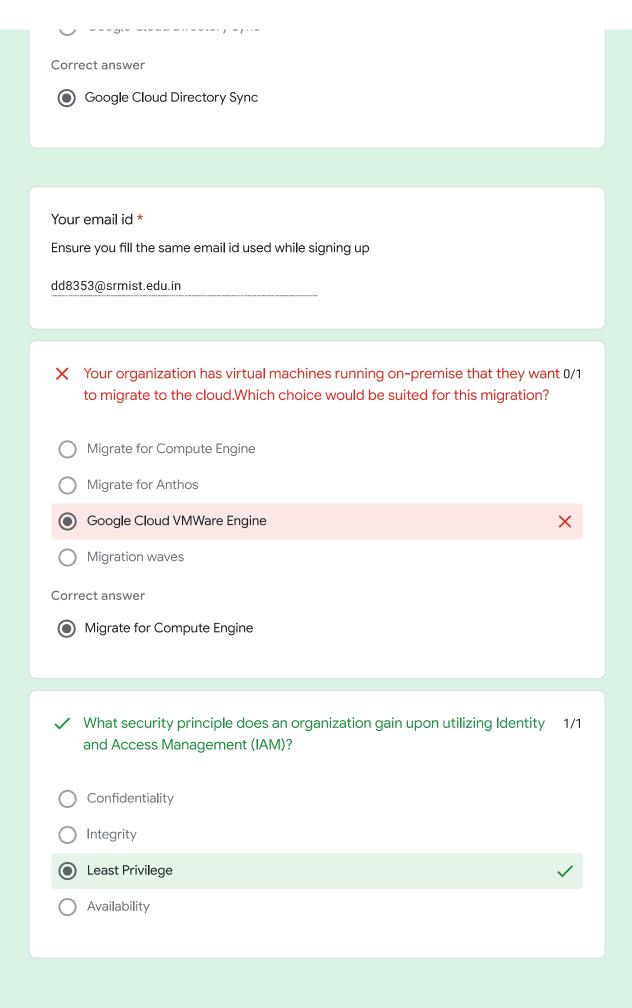


Vision AI

✓ Google Cloud's tools offer four key benefits for managing cloud costs. 1/1 What are they? Select the correct answer.
Usability, accountability, control, measurability.
Scalability, visibility, control, affordability.
Measurability, scalability, accountability, intelligent recommendations.
 Visibility, accountability, control, intelligent recommendations.
X Your organization is considering adopting cloud service but there is 0/1 concern about Google Cloud meeting regulatory compliance. You need to download audit documents performed by third-party providers to prove to key stakeholders. Which choice will satisfy this requirement?
Compliance Reports Manager
○ BeyondCorp
Assured Workloads
Security Command Center
Correct answer
Security Command Center
✓ All cloud computing applications suffer from the inherent that 1/1 is intrinsic in their WAN connectivity
Propagation
all the above
Latency

noise

110130



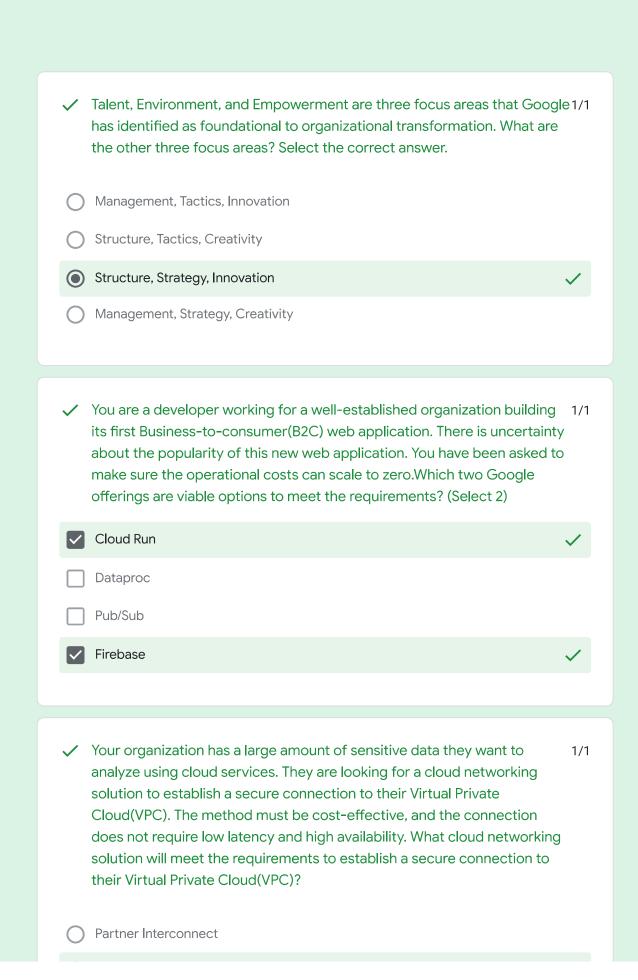
X You have been tasked to transfer on-premises data from your Virtual Private Cloud (VPC) networks in Google Cloud transfer requires that you fully control the interconnect, hig and a 10 Gbps pipe. Cost is not a factor. Which of the follow fulfills the requirement?	. The method of gh availability,
Cloud Partner Interconnect	×
O Direct Peering	
Cloud VPN	
Cloud Dedicated Interconnect	
Correct answer	
Cloud Dedicated Interconnect	
Which Google cloud offering is best suitable for Apache Sp solutions?	oark and Presto 1/1
Dataproc	✓
O Dataprep	
Google Kubernetes Engine	
Cloud Run	
✓ Your organization has customer data on-premise but wants advantage of the cloud's storage security and durability. The Personally Identifiable Information (PII) and the organization ensure PIIs are de-identified via masking to keep this information. What service would offer this protection?	ne data contains n wants to
BeyondCorp	

0	Cloud Storage	
	Cloud Data Loss Prevention	✓
0	HIPAA Compliance Program	
~	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.	1/1
••••••••••••••••••••••••••••••••••••••••••••••••••••••••	A&D A&E A&B	✓
\circ	A&C	
✓	In google cloud pricing of a VM can ve vary based on	1/1
✓ ⊚	In google cloud pricing of a VM can ve vary based on All of the above	1/1
<!--</td--><td></td><td>1/1</td>		1/1
<!--</td--><td>All of the above</td><td>1/1</td>	All of the above	1/1
	All of the above Type and Size of storage disk	1/1
	All of the above Type and Size of storage disk Server Location	1/1
	All of the above Type and Size of storage disk Server Location Machine Type 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	✓

	model.	
•	This is an infrequent decision for a specific role and department.	✓
	What are the three components of Google Cloud's defense-in-depth da security design? Select the correct answer.	ta 1/1
0	Categorized data, data encryption keys, globally distributed encryption keys	
0	Perimeter security, fingerprint authentication, globally distributed data storage	9
0	Sharding, biometric authentication, 2-factor authentication	
•	Sharding, encryption key, key encryption key	✓
	nshu Yadav	
	what is Google Kubernetes Engine (GKE)? Select the correct answer.	0/1
ivya		0/1
ivya	What is Google Kubernetes Engine (GKE)? Select the correct answer.	0/1
ivya	What is Google Kubernetes Engine (GKE)? Select the correct answer. An open-source container-orchestration system.	0/1
ivya	What is Google Kubernetes Engine (GKE)? Select the correct answer. An open-source container-orchestration system. A Google Cloud managed service for container orchestration.	0/1
×	What is Google Kubernetes Engine (GKE)? Select the correct answer. An open-source container-orchestration system. A Google Cloud managed service for container orchestration. A Google Cloud managed service for virtual machine (VM) integration.	0/1
× Corre	What is Google Kubernetes Engine (GKE)? Select the correct answer. An open-source container-orchestration system. A Google Cloud managed service for container orchestration. A Google Cloud managed service for virtual machine (VM) integration. An open-source virtual machine (VM) integration system.	0/1
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It would streamline ne	r budget allocation.	
It would centralize the	eir spending on cloud resources.	
It would limit the num	ber of people who could spin up resources.	
became available? S	ces	/1
O b&c		
O d&a		
O c&d		
a&b	✓	
You must optimize the on the development	der assigned to the development of an application. one efficient workflow of multiple developers working project while ensuring great flexibility for the entire e following cloud computing services is best suited	/1
You must optimize the on the development process. Which of the	ne efficient workflow of multiple developers working project while ensuring great flexibility for the entire e following cloud computing services is best suited	/1
You must optimize the on the development process. Which of the for the task?	ne efficient workflow of multiple developers working project while ensuring great flexibility for the entire e following cloud computing services is best suited (PaaS)	/1
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You must optimize the on the development process. Which of the for the task? Platform as a Service Function as a Service	ne efficient workflow of multiple developers working project while ensuring great flexibility for the entire e following cloud computing services is best suited (PaaS) (FaaS) Tvice (laaS)	/1
You must optimize the on the development process. Which of the for the task? Platform as a Service Function as a Service Infrastructure as a Service	ne efficient workflow of multiple developers working project while ensuring great flexibility for the entire e following cloud computing services is best suited (PaaS) (FaaS) Tvice (laaS)	/1

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	
✓ The technology team of a pharmaceutical business decides to adopt an automated continuous integration and deployment (CI/CD) approach. What is the primary value of using a CI/CD approach for the overall business? Select the correct answer.	1/1
It improves security of services and solutions.	
It increases application release velocity and reliability.	/
It prevents infrastructure failures and downtime.	
lt allows developers to build using APIs.	
✓ Stackdriver service that alerts when the CPU utilization of a virtual machine exceeds 80& limit?	1/1
Cloud Debug	
Monitoring	/
Ologging	
Cloud Trace	



	Cloud VPN
0	Anthos
0	Dedicated Interconnect
✓	A national hotel chain is using a combination of on-premises data centers 1/1 and public cloud services for their IT infrastructure. What type of IT infrastructure model is this? Select the correct answer.
0	Virtualization
	Hybrid cloud 🗸
0	Multi-cloud
0	Colocation
	for identity verification, authentication, and access control. What Google Cloud solution should she choose? Select the correct answer.
0	BigQuery
O	Google Kubernetes Engine
	Apigee
0	1.0
	Cloud Identity
✓	
✓ ○	Cloud Identity A game company is set to release their new sports title next week and it's 1/1 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
· · · · · · · · · · · · · · · · · · ·	A game company is set to release their new sports title next week and it's 1/1 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?
✓ ○ ○	A game company is set to release their new sports title next week and it's 1/1 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? Firestore

✓	What primary factors contribute to the complexity of calculating the total cost of ownership (TCO) when migrating to the cloud? Select the two correct answers.	al 1/1
	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 directly in tool)	ı a
	Government regulations (i.e. location of data storage per 3rd part regulations)	
✓	Which specific cloud computing feature helps businesses serve their customers without service interruption and in a cost-effective way? Select the correct answer.	1/1
C	On-demand service	
C	On-demand service Large Network Access	
		✓
) Large Network Access	✓
	Large Network Access Elasticity	1/1
	Large Network Access Elasticity Agility 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	•
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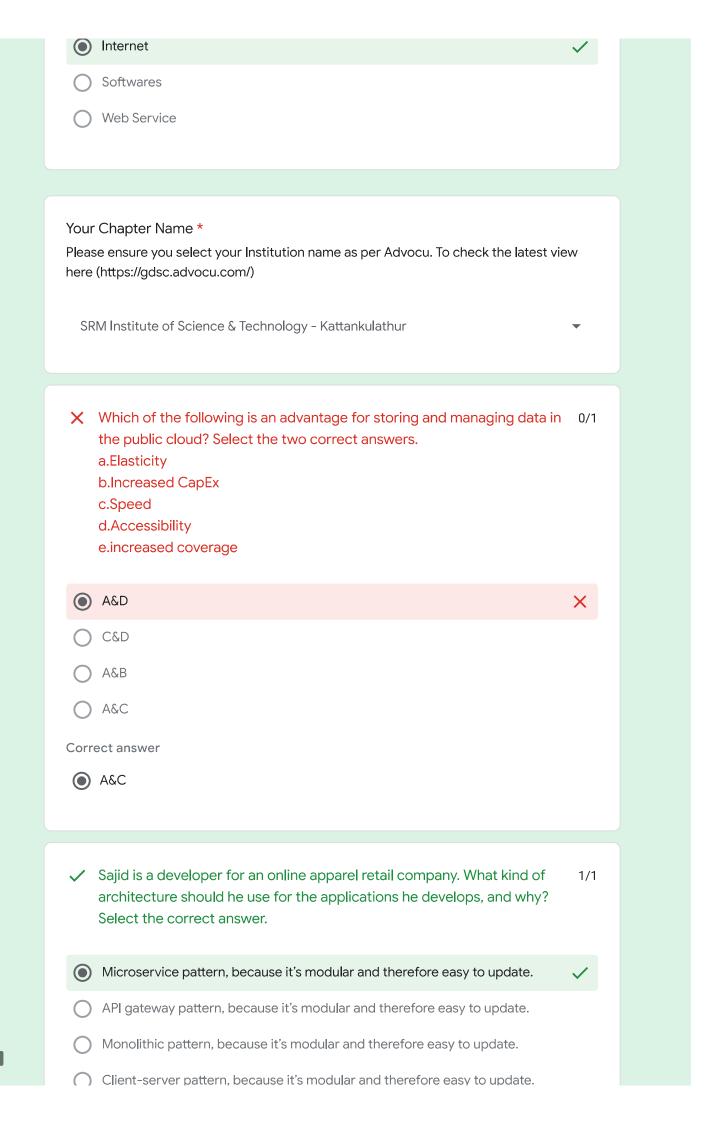
 ✓ In GCP, to change the machine type of an existing VM instance, the instance must be in which state ✓ Start ✓ Running ✓ Suspend ✓ You are a developer startup developing a new food delivery service for popular dine-in and fast food restaurants. An important component to the design is having real-time updates reflected as soon as they are added or changed to the database, ensuring that customers and drivers are aware of when food is ready for pickup and when food is in transit to their end destination. Which Google offering best meets these requirements? ⑥ Firestore ✓ Cloud Storage ○ Pub/Sub ○ Dataflow 			
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 Stop You are a developer startup developing a new food delivery service for popular dine-in and fast food restaurants. An important component to the design is having real-time updates reflected as soon as they are added or changed to the database, ensuring that customers and drivers are aware of when food is ready for pickup and when food is in transit to their end destination. Which Google offering best meets these requirements? Firestore Cloud Storage Pub/Sub 	0	Running	
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O Pub/Sub	•	Firestore	✓
	0	Cloud Storage	
O Dataflow	0	Pub/Sub	
	0	Dataflow	
		What do businesses need to prioritize to meet these changing needs? Select the correct answer.	
· · · · · · · · · · · · · · · · · · ·	0	Localizing existing applications	
Select the correct answer.	0	Streamlining existing hardware	
Select the correct answer. Localizing existing applications	0	Updating hardware systematically	
Select the correct answer. Localizing existing applications Streamlining existing hardware		Launching new applications quickly	/

~	How is data integrity achieved? Select the two correct answers. a.Through ongoing error checking and validation routines as data is collected b.By implementing a set of rules when a database is first designed c.By fully migrating all types of data into a database d.By converting all unstructured data into structured data e.By including all types of data regardless of type	1/1
0	C&D	
0	A&C	
0	A&D	
	A&B	✓
~	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 organization 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?	1/1 on
	Cloud Functions	✓
0	Compute Engine	
0	Cloud Run	
0	Google Kubernetes Engines (GKE)	

~	An organization has a mobile workforce that frequently meets customers 1/1 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?
C) Cloud Identity
C) IAM
•	BeyondCorp and Identity-Aware Proxy
С	Organization Policy Service
×	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?
C) Migration waves Runbook
С) Migrate for Anthos
C	Migrate for Compute Engine Test Clones
C) Cloud Run

~	A VP of a large enterprise is trying to convince the executives of the cost 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	
0	A&B	
0	A&D	
0	A&C	
•	D&B	✓
/	A financial services firm wants to migrate an existing application to the cloud but doesn't want to risk service downtime. For this reason, they have chosen to opt for redundancy and build a new application in the cloud while continuing to run their old application on-premises. Which	1/1
✓ ✓	cloud but doesn't want to risk service downtime. For this reason, they have chosen to opt for redundancy and build a new application in the cloud while continuing to run their old application on-premises. Which standard pattern of cloud migration describes this scenario? Select the correct answer.	1/1
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!



Ť	w do databases and data warehouses differ? Select the correct swer.	1/1		
()	ta warehouses efficiently process structured data, while databases rapidly ocess software data.			
()	ta warehouses efficiently ingest large amounts of real-time data, while tabases rapidly analyze large, multi-dimensional datasets.			
(tabases efficiently ingest large amounts of real-time data, while data rehouses rapidly analyze multi-dimensional datasets.	✓		
()	tabases efficiently process structured data, while data warehouses rapidly ocess unstructured data.			
inte	company is working on a project that requires the ingestion of user eraction from end-user apps and server events from many clients nultaneously. Which service best fits the requirement?	1/1		
Puk	b/Sub	✓		
O Fire	ebase			
O Dat	taflow			
✓ What is a critical outcome of API management? Select the correct answer.1/1				
O Dis	stributing and creating regular new business features.			
Me	easuring and tracking business performance.	✓		
O Up	dating and repairing outdated business components.			
O Dig	gitizing and modernizing siloed business data.			

Google Forms