

[Q77-Q95 Professional-Cloud-Security-Engineer Free Update With 100% Exam Passing Guarantee [2022]



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[Jun-2022] Verified Google Exam Dumps with Professional-Cloud-Security-Engineer Exam Study Guide

Exam Details

The Google Professional Cloud Security Engineer exam has a length of 2 hours. It costs \$200 plus additional taxes where applicable. At the moment, this test is only available in the English language, and questions in it come in multiple-choice and multiple select formats. When scheduling the exam, you can either opt for the online proctored option and take it from a remote location or select the onsite proctored form if you have a nearby testing center. Of course, pricing remains the same regardless of the chosen option. While Google does not highlight any mandatory requirements for taking this test, they strongly recommend that candidates should have at least 3 years of working experience, with a minimum of one year specifically dedicated to designing or managing solutions using GCP. Also, the applicants should have a good understanding of all the topics included in the syllabus.

NEW QUESTION 77

Which two implied firewall rules are defined on a VPC network? (Choose two.)

- * A rule that allows all outbound connections
- * A rule that denies all inbound connections
- * A rule that blocks all inbound port 25 connections
- * A rule that blocks all outbound connections
- * A rule that allows all inbound port 80 connections

NEW QUESTION 78

A customer needs to launch a 3-tier internal web application on Google Cloud Platform (GCP). The customer's internal compliance requirements dictate that end-user access may only be allowed if the traffic seems to originate from a specific known good CIDR. The customer accepts the risk that their application will only have SYN flood DDoS protection. They want to use GCP's native SYN flood protection.

Which product should be used to meet these requirements?

- * Cloud Armor
- * VPC Firewall Rules
- * Cloud Identity and Access Management
- * Cloud CDN

Explanation/Reference: <https://cloud.google.com/blog/products/identity-security/understanding-google-cloud-armors-new-waf-capabilities>

NEW QUESTION 79

A company is deploying their application on Google Cloud Platform. Company policy requires long-term data to be stored using a solution that can automatically replicate data over at least two geographic places.

Which Storage solution are they allowed to use?

- * Cloud Bigtable
- * Cloud BigQuery
- * Compute Engine SSD Disk
- * Compute Engine Persistent Disk

<https://cloud.google.com/bigquery/docs/locations>

NEW QUESTION 80

A customer is collaborating with another company to build an application on Compute Engine. The customer is building the application tier in their GCP Organization, and the other company is building the storage tier in a different GCP Organization. This is a 3-tier web application. Communication between portions of the application must not traverse the public internet by any means.

Which connectivity option should be implemented?

- * VPC peering
- * Cloud VPN
- * Cloud Interconnect
- * Shared VPC

NEW QUESTION 81

A customer implements Cloud Identity-Aware Proxy for their ERP system hosted on Compute Engine. Their security team wants to add a security layer so that the ERP systems only accept traffic from Cloud Identity-Aware Proxy.

What should the customer do to meet these requirements?

- * Make sure that the ERP system can validate the JWT assertion in the HTTP requests.
- * Make sure that the ERP system can validate the identity headers in the HTTP requests.
- * Make sure that the ERP system can validate the x-forwarded-for headers in the HTTP requests.
- * Make sure that the ERP system can validate the user's unique identifier headers in the HTTP requests.

NEW QUESTION 82

In order to meet PCI DSS requirements, a customer wants to ensure that all outbound traffic is authorized.

Which two cloud offerings meet this requirement without additional compensating controls? (Choose two.)

- * App Engine
- * Cloud Functions
- * Compute Engine
- * Google Kubernetes Engine
- * Cloud Storage

App Engine ingress firewall rules are available, but egress rules are not currently available. Per requirements 1.2.1 and 1.3.4, you must ensure that all outbound traffic is authorized. SAQ A-EP and SAQ D-type merchants must provide compensating controls or use a different Google Cloud product. Compute Engine and GKE are the preferred alternatives.

<https://cloud.google.com/solutions/pci-dss-compliance-in-gcp>

NEW QUESTION 83

You are responsible for protecting highly sensitive data in BigQuery. Your operations teams need access to this data, but given privacy regulations, you want to ensure that they cannot read the sensitive fields such as email addresses and first names. These specific sensitive fields should only be available on a need-to-know basis to the HR team. What should you do?

- * Perform data masking with the DLP API and store that data in BigQuery for later use.
- * Perform data redaction with the DLP API and store that data in BigQuery for later use.
- * Perform data inspection with the DLP API and store that data in BigQuery for later use.
- * Perform tokenization for Pseudonymization with the DLP API and store that data in BigQuery for later use.

Explanation/Reference: <https://towardsdatascience.com/bigquery-pii-and-cloud-data-loss-prevention-dlp-take-it-to-the-next-level-with-data-catalog-c47c31bcf677>

NEW QUESTION 84

You want to prevent users from accidentally deleting a Shared VPC host project. Which organization-level policy constraint should you enable?

- * `compute.restrictSharedVpcHostProjects`
- * `compute.restrictXpnProjectLienRemoval`
- * `compute.restrictSharedVpcSubnetworks`
- * `compute.sharedReservationsOwnerProjects`

NEW QUESTION 85

A customer deploys an application to App Engine and needs to check for Open Web Application Security Project (OWASP) vulnerabilities.

Which service should be used to accomplish this?

- * Cloud Armor

- * Google Cloud Audit Logs
- * Cloud Security Scanner
- * Forseti Security

NEW QUESTION 86

An organization is starting to move its infrastructure from its on-premises environment to Google Cloud Platform (GCP). The first step the organization wants to take is to migrate its ongoing data backup and disaster recovery solutions to GCP. The organization's on-premises production environment is going to be the next phase for migration to GCP. Stable networking connectivity between the on-premises environment and GCP is also being implemented.

Which GCP solution should the organization use?

- * BigQuery using a data pipeline job with continuous updates via Cloud VPN
- * Cloud Storage using a scheduled task and gsutil via Cloud Interconnect
- * Compute Engines Virtual Machines using Persistent Disk via Cloud Interconnect
- * Cloud Datastore using regularly scheduled batch upload jobs via Cloud VPN

Reference:

<https://cloud.google.com/solutions/migration-to-google-cloud-building-your-foundation>

NEW QUESTION 87

You need to follow Google-recommended practices to leverage envelope encryption and encrypt data at the application layer.

What should you do?

- * Generate a data encryption key (DEK) locally to encrypt the data, and generate a new key encryption key (KEK) in Cloud KMS to encrypt the DEK. Store both the encrypted data and the encrypted DEK.
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Reference:

<https://cloud.google.com/kms/docs/envelope-encryption>

NEW QUESTION 88

A company's application is deployed with a user-managed Service Account key. You want to use Google-recommended practices to rotate the key.

What should you do?

- * Open Cloud Shell and run `gcloud iam service-accounts enable-auto-rotate --iam-account=IAM_ACCOUNT`.
- * Open Cloud Shell and run `gcloud iam service-accounts keys rotate --iam-account=IAM_ACCOUNT --key=NEW_KEY`.
- * Create a new key, and use the new key in the application. Delete the old key from the Service Account.
- * Create a new key, and use the new key in the application. Store the old key on the system as a backup key.

Reference:

<https://cloud.google.com/iam/docs/understanding-service-accounts>

NEW QUESTION 89

Your team wants to make sure Compute Engine instances running in your production project do not have public IP addresses. The frontend application Compute Engine instances will require public IPs. The product engineers have the Editor role to modify resources. Your team wants to enforce this requirement.

How should your team meet these requirements?

- * Enable Private Access on the VPC network in the production project.
- * Remove the Editor role and grant the Compute Admin IAM role to the engineers.
- * Set up an organization policy to only permit public IPs for the front-end Compute Engine instances.
- * Set up a VPC network with two subnets: one with public IPs and one without public IPs.

<https://cloud.google.com/compute/docs/ip-addresses/reserve-static-external-ip-address>

NEW QUESTION 90

A large financial institution is moving its Big Data analytics to Google Cloud Platform. They want to have maximum control over the encryption process of data stored at rest in BigQuery.

What technique should the institution use?

- * Use Cloud Storage as a federated Data Source.
- * Use a Cloud Hardware Security Module (Cloud HSM).
- * Customer-managed encryption keys (CMEK).
- * Customer-supplied encryption keys (CSEK).

Explanation/Reference: <https://cloud.google.com/bigquery/docs/encryption-at-rest>

NEW QUESTION 91

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NEW QUESTION 92

A customer wants to make it convenient for their mobile workforce to access a CRM web interface that is hosted on Google Cloud Platform (GCP). The CRM can only be accessed by someone on the corporate network. The customer wants to make it available over the internet.

Your team requires an authentication layer in front of the application that supports two-factor authentication Which GCP product should the customer implement to meet these requirements?

- * Cloud Identity-Aware Proxy
- * Cloud Armor
- * Cloud Endpoints
- * Cloud VPN

NEW QUESTION 93

An engineering team is launching a web application that will be public on the internet. The web application is hosted in multiple GCP regions and will be directed to the respective backend based on the URL request.

Your team wants to avoid exposing the application directly on the internet and wants to deny traffic from a specific list of malicious IP addresses. Which solution should your team implement to meet these requirements?

- * Cloud Armor
- * Network Load Balancing
- * SSL Proxy Load Balancing
- * NAT Gateway

Explanation/Reference: <https://cloud.google.com/armor/docs/security-policy-concepts>

NEW QUESTION 94

The security operations team needs access to the security-related logs for all projects in their organization. They have the following requirements:

Follow the least privilege model by having only view access to logs.

Have access to Admin Activity logs.

Have access to Data Access logs.

Have access to Access Transparency logs.

Which Identity and Access Management (IAM) role should the security operations team be granted?

- * roles/logging.privateLogViewer
- * roles/logging.admin
- * roles/viewer
- * roles/logging.viewer

NEW QUESTION 95

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