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The learning material is open in three excellent formats; Google Professional-Cloud-Security-Engineer dumps PDF, a desktop Google Professional-Cloud-Security-Engineer dumps practice test, and a web-based Google Professional-Cloud-Security-Engineer dumps practice test. Google Professional-Cloud-Security-Engineer dumps is organized by experts while saving the furthest down-the-line plan to them for the Google Professional-Cloud-Security-Engineer Exam. The sans bug plans have been given to you all to drift through the Google Cloud Certified - Professional Cloud Security Engineer Exam certificate exam.

Training for Your Exam

You can prepare for the Google Professional Cloud Security Engineer exam using a ton of different ways. Firstly, you can opt for the official learning path. This track entails a series of intense hands-on lab lessons, in-person classes, and online training among other resources provided by the vendor itself.

To qualify for this certification, candidates must have a minimum of three years of experience working in IT security, with at least one year of managing GCP security solutions. It is also recommended that aspiring professionals who desire to take the certification exam embark on the Google Cloud Certified Professional Cloud Architect certification to gain basic knowledge of GCP infrastructure and services.

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Google Cloud Certified - Professional Cloud Security Engineer Exam Sample Questions (Q93-Q98):

NEW QUESTION # 93

You work for a large organization where each business unit has thousands of users. You need to delegate management of access control permissions to each business unit. You have the following requirements:

Each business unit manages access controls for their own projects.
Each business unit manages access control permissions at scale.
Business units cannot access other business units' projects.
Users lose their access if they move to a different business unit or leave the company.
Users and access control permissions are managed by the on-premises directory service.
What should you do? (Choose two.)

- A. Organize projects in folders, and assign permissions to Google groups at the folder level.
- B. Use Google Cloud Directory Sync to synchronize users and group memberships in Cloud Identity.
- C. Create a project naming convention, and use Google's IAM Conditions to manage access based on the prefix of project names.
- D. Group business units based on Organization Units (OUs) and manage permissions based on OUs.
- E. Use VPC Service Controls to create perimeters around each business unit's project.

Answer: A,B

Explanation:

To delegate management of access control permissions to each business unit effectively, organizing projects into folders and assigning permissions to Google groups at the folder level allows for scalable and manageable access control. Using Google Cloud Directory Sync (GCDS) to synchronize users and groups from the on-premises directory service ensures that access controls are maintained and updated automatically as users change roles or leave the company.

Steps:

- * Organize Projects in Folders: Create a folder structure in the Google Cloud Resource Manager to organize projects by business unit.
- * Assign Permissions to Google Groups: Use IAM to assign necessary permissions to Google Groups at the folder level, ensuring each business unit can manage access controls for their own projects.
- * Synchronize Users and Groups: Use GCDS to sync users and group memberships from your on-premises directory service to Google Cloud Identity, ensuring that changes in the on-premises directory are reflected in Google Cloud.

References:

- * Google Cloud Resource Manager
- * Google Cloud Directory Sync

NEW QUESTION # 94

Your organization acquired a new workload. The Web and Application (App) servers will be running on Compute Engine in a newly created custom VPC. You are responsible for configuring a secure network communication solution that meets the following requirements:

Only allows communication between the Web and App tiers.
Enforces consistent network security when autoscaling the Web and App tiers.
Prevents Compute Engine Instance Admins from altering network traffic.
What should you do?

- A. 1. Configure all running Web and App servers with respective network tags.2. Create an allow VPC firewall rule that specifies the target/source with respective network tags.
- B. 1. Configure all running Web and App servers with respective service accounts.2. Create an allow VPC firewall rule that specifies the target/source with respective service accounts.
- C. 1. Re-deploy the Web and App servers with instance templates configured with respective network tags.
2. Create an allow VPC firewall rule that specifies the target/source with respective network tags.
- D. 1. Re-deploy the Web and App servers with instance templates configured with respective service accounts.2. Create an allow VPC firewall rule that specifies the target/source with respective service accounts.

Answer: D

Explanation:

<https://cloud.google.com/vpc/docs/firewalls#service-accounts-vs-tags>
<https://cloud.google.com/vpc/docs/firewalls#service-accounts-vs-tags>

A service account represents an identity associated with an instance. Only one service account can be associated with an instance. You control access to the service account by controlling the grant of the Service Account User role for other IAM principals. For an IAM principal to start an instance by using a service account, that principal must have the Service Account User role to at least use that service account and appropriate permissions to create instances (for example, having the Compute Engine Instance Admin role to the project).

NEW QUESTION # 95

A company has been running their application on Compute Engine. A bug in the application allowed a malicious user to repeatedly execute a script that results in the Compute Engine instance crashing. Although the bug has been fixed, you want to get notified in case this hack re-occurs.

What should you do?

- A. Log every execution of the script to Stackdriver Logging. Configure BigQuery as a log sink, and create a BigQuery scheduled query to count the number of executions in a specific timeframe.
- B. Log every execution of the script to Stackdriver Logging. Create a User-defined metric in Stackdriver Logging on the logs, and create a Stackdriver Dashboard displaying the metric.
- C. Create an Alerting Policy in Stackdriver using the CPU usage metric. Set the threshold to 80% to be notified when the CPU usage goes above this 80%.
- D. Create an Alerting Policy in Stackdriver using a Process Health condition, checking that the number of executions of the script remains below the desired threshold. Enable notifications.

Answer: B

NEW QUESTION # 96

What are the steps to encrypt data using envelope encryption?

- A. Generate a key encryption key (KEK) locally. Generate a data encryption key (DEK) locally. Encrypt data with the KEK. Store the encrypted data and the wrapped DEK.
- B. Generate a data encryption key (DEK) locally. Use a key encryption key (KEK) to wrap the DEK. Encrypt data with the KEK. Store the encrypted data and the wrapped KEK.
- C. Generate a data encryption key (DEK) locally. Encrypt data with the DEK. Use a key encryption key (KEK) to wrap the DEK. Store the encrypted data and the wrapped DEK.
- D. Generate a key encryption key (KEK) locally. Use the KEK to generate a data encryption key (DEK). Encrypt data with the DEK. Store the encrypted data and the wrapped DEK.

Answer: C

Explanation:

* Objective: Encrypt data using envelope encryption.

* Solution: Follow the envelope encryption process.

* Steps:

* Step 1: Generate a Data Encryption Key (DEK) locally. The DEK is used to encrypt the actual data.

* Step 2: Encrypt the data using the DEK.

* Step 3: Use a Key Encryption Key (KEK) to wrap the DEK. The KEK is used to encrypt the DEK.

* Step 4: Store the encrypted data and the wrapped DEK. This ensures that the data can be securely decrypted in the future using the KEK to unwrap the DEK.

Envelope encryption enhances security by adding an additional layer of encryption to the data encryption key, which is particularly useful for managing large volumes of encrypted data.

References:

Envelope Encryption Overview

Google Cloud Key Management Service Documentation

NEW QUESTION # 97

You are part of a security team investigating a compromised service account key. You need to audit which new resources were created by the service account.

What should you do?

- A. Query Admin Activity logs.
- B. **Query Data Access logs.**
- C. Query Access Transparency logs.
- D. Query Stackdriver Monitoring Workspace.

Answer: B

Explanation:

<https://cloud.google.com/iam/docs/audit-logging/examples-service-accounts>

NEW QUESTION # 98

The Google Cloud Certified - Professional Cloud Security Engineer Exam certification exam is one of the top-rated career advancement Professional-Cloud-Security-Engineer certifications in the market. This Google Cloud Certified - Professional Cloud Security Engineer Exam certification exam has been inspiring candidates since its beginning. Over this long period, thousands of Google Cloud Certified - Professional Cloud Security Engineer Exam candidates have passed their Professional-Cloud-Security-Engineer Certification Exam and now they are doing jobs in the world's top brands.

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