

Quiz Professional-Cloud-Security-Engineer - Google Cloud Certified - Professional Cloud Security Engineer Exam Useful Latest Test Answers



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Desktop and web-based Professional-Cloud-Security-Engineer practice exams are available at VCE4Plus for thorough preparation. Going through these Google Professional-Cloud-Security-Engineer mock exams boosts your learning and reduces mistakes in the Google Professional-Cloud-Security-Engineer Test Preparation. Customization features of Google Professional-Cloud-Security-Engineer practice tests allow you to change the settings of the Professional-Cloud-Security-Engineer test sessions.

Google Professional-Cloud-Security-Engineer Certification is an exam for professionals who are seeking to demonstrate their expertise in securing applications, data, and infrastructure on the Google Cloud Platform. Google Cloud Certified - Professional Cloud Security Engineer Exam certification is designed to test the skills and knowledge required to design and implement secure cloud solutions on the Google Cloud platform. Professional-Cloud-Security-Engineer exam covers a wide range of topics such as security management, compliance, data protection, network security, and incident management.

To ace the Google Professional Cloud Security Engineer exam, the test takers need to have an in-depth understanding of its topics. It is recommended that the potential examinees go through the certification webpage and familiarize themselves with a detailed description of the exam syllabus. The highlights of the topics and subtopics covered in the test are provided below:

Topic 1. Access Configuration Within a Cloud Solution Environment

Within this subject area, the candidates need to demonstrate their proficiency in configuring Cloud Identity. They should also be capable of managing user accounts, service accounts, as well as authentication. Besides that, this topic evaluates the ability of the applicants to manage and implement authorization controls. Lastly, they need to prove that they know how to determine the resource hierarchy.

Available Skill Badges

The Google skill badges are a form of training that allows candidates to demonstrate their understanding of Google concepts at this level. For the Google Professional Cloud Security Engineer exam, the most popular badges include the following:

- Create and Manage Cloud Resources
- Build and Secure Networks in Google Cloud
- Secure Workloads in Google Kubernetes Engine
- Ensure Access and Identity in Google Cloud

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Google Professional-Cloud-Security-Engineer Dumps - Pass Exam And Build Successful Career

Contending for the success fruit of Professional-Cloud-Security-Engineer practice exam, many customers have been figuring out the effective ways to pass it. Due to the shortage of useful practice materials or being scanty for them, we listed these traits of our Professional-Cloud-Security-Engineer practice materials. Actually, some practice materials are shooting the breeze about their effectiveness, but our Professional-Cloud-Security-Engineer practice materials are real high quality Professional-Cloud-Security-Engineer practice materials with passing rate up to 98 to 100 percent.

Google Cloud Certified - Professional Cloud Security Engineer Exam Sample Questions (Q307-Q312):

NEW QUESTION # 307

You are implementing data protection by design and in accordance with GDPR requirements. As part of design reviews, you are told that you need to manage the encryption key for a solution that includes workloads for Compute Engine, Google Kubernetes Engine, Cloud Storage, BigQuery, and Pub/Sub. Which option should you choose for this implementation?

- A. Cloud External Key Manager
- B. Customer-supplied encryption keys
- C. Customer-managed encryption keys
- D. Google default encryption

Answer: C

Explanation:

https://cloud.google.com/kms/docs/using-other-products#cmeq_integrations CMEK is supported for all the listed google services.

NEW QUESTION # 308

You are a Cloud Identity administrator for your organization. In your Google Cloud environment groups are used to manage user permissions. Each application team has a dedicated group Your team is responsible for creating these groups and the application teams can manage the team members on their own through the Google Cloud console. You must ensure that the application teams can only add users from within your organization to their groups.

What should you do?

- A. Set an Identity and Access Management (IAM) policy that includes a condition that restricts group membership to user principals that belong to your organization.
- B. Export the Cloud Identity logs to BigQuery Configure an alert for external members added to groups Have the alert trigger a Cloud Function instance that removes the external members from the group.
- C. Define an Identity and Access Management (IAM) deny policy that denies the assignment of principals that are outside your organization to the groups in scope.
- D. Change the configuration of the relevant groups in the Google Workspace Admin console to prevent external users from being added to the group.

Answer: D

Explanation:

To ensure that application teams can only add users from within your organization to their groups, you need to configure the group settings in the Google Workspace Admin console. Here are the steps:

- * Access Google Workspace Admin Console:
- * Go to the Google Workspace Admin console.
- * Navigate to the Groups section.
- * Configure Group Settings:
- * Select the relevant groups used by the application teams.
- * Go to the group settings and set the group to only allow members from your domain.
- * This prevents external users from being added to these groups.
- * Apply and Save Changes:
- * Apply the changes to ensure that only users from within your organization can be added to these groups.
- * Verify Configuration:
- * Test the configuration by attempting to add an external user to the group and verifying that it is not allowed.

Benefits:

- * Security: Prevents unauthorized access by ensuring that only internal users can be added to groups.
- * Compliance: Helps in adhering to organizational policies regarding user access and management.

References

- * Google Workspace Admin Help: Groups

NEW QUESTION # 309

Your organization has hired a small, temporary partner team for 18 months. The temporary team will work alongside your DevOps team to develop your organization's application that is hosted on Google Cloud. You must give the temporary partner team access to your application's resources on Google Cloud and ensure that partner employees lose access. If they are removed from their employer's organization. What should you do?

- A. Create a workforce identity pool and federate the identity pool with the identity provider (IdP) of the temporary partner team
- B. Implement just-in-time privileged access to Google Cloud for the temporary partner team
- C. Add the identities of the temporary partner team members to your identity provider (IdP).
- D. Create a temporary username and password for the temporary partner team members. Auto-clean the usernames and passwords after the work engagement has ended.

Answer: A

Explanation:

<https://cloud.google.com/iam/docs/workforce-identity-federation>

<https://cloud.google.com/iam/docs/temporary-elevated-access>

One way to protect sensitive resources is to limit access to them. However, limiting access to sensitive resources also creates friction for anyone who occasionally needs to access those resources. For example, a user might need break-glass, or emergency, access to sensitive resources to resolve an incident.

In these situations, we recommend giving the user permission to access the resource temporarily.

We also recommend that, to improve auditing, you record the user's justification for accessing the resource.

NEW QUESTION # 310

A customer needs to prevent attackers from hijacking their domain/IP and redirecting users to a malicious site through a man-in-the-middle attack.

Which solution should this customer use?

- A. Cloud Identity-Aware Proxy
- B. DNS Security Extensions
- C. VPC Flow Logs
- D. Cloud Armor

Answer: B

NEW QUESTION # 311

Your organization wants full control of the keys used to encrypt data at rest in their Google Cloud environments. Keys must be generated and stored outside of Google and integrate with many Google Services including BigQuery. What should you do?

- A. Create a KMS key that is stored on a Google managed FIPS 140-2 level 3 Hardware Security Module (HSM) Manage the Identity and Access Management (IAM) permissions settings, and set up the key rotation period.
- B. Use customer-supplied encryption keys (CSEK) with keys generated on trusted external systems Provide the raw CSEK as part of the API call.
- **C. Use Cloud External Key Management (EKM) that integrates with an external Hardware Security Module (HSM) system from supported vendors.**
- D. Create a Cloud Key Management Service (KMS) key with imported key material Wrap the key for protection during import. Import the key generated on a trusted system in Cloud KMS.

Answer: C

Explanation:

* Use Cloud External Key Management (EKM) that integrates with an external Hardware Security Module (HSM) system from supported vendors: Cloud EKM allows you to use encryption keys that are managed externally to Google Cloud. This means you can generate and store your keys in an on- premises HSM or another supported external HSM service, and integrate these keys with various Google Cloud services.

* Integration with Google Services: Cloud EKM integrates seamlessly with many Google Cloud services, including BigQuery, Cloud Storage, Compute Engine, and more. This provides you with full control over your encryption keys while still taking advantage of Google Cloud's powerful services.

References

- * Cloud External Key Management (EKM) documentation
- * External Key Management overview

NEW QUESTION # 312

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