

Latest Professional-Cloud-Security-Engineer Test Camp | Latest Google Professional-Cloud-Security-Engineer: Google Cloud Certified - Professional Cloud Security Engineer Exam



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Latest Professional-Cloud-Security-Engineer Test Camp | High Pass-Rate Google Reliable Professional-Cloud-Security-Engineer Study Guide: Google Cloud Certified - Professional Cloud Security Engineer Exam

Now in such a Internet so developed society, choosing online training is a very common phenomenon. VCE4Plus is one of many online training websites. VCE4Plus's online training course has many years of experience, which can provide high quality learning material for examinee participating in Google Certification Professional-Cloud-Security-Engineer Exam and satisfy all the needs of the students.

Google Professional-Cloud-Security-Engineer exam is a challenging exam that requires a significant amount of preparation and study. Candidates should have a strong understanding of cloud-based infrastructure and security best practices. They should also have experience designing and implementing security solutions in a cloud-based environment. Candidates who pass the exam will receive a Google Cloud Certified - Professional Cloud Security Engineer certification, which is recognized by organizations around the world. Google Cloud Certified - Professional Cloud Security Engineer Exam certification demonstrates that the candidate has the necessary skills and knowledge to secure cloud-based infrastructure on the Google Cloud Platform.

Achieving the Google Professional-Cloud-Security-Engineer Certification demonstrates that an IT professional has the skills and knowledge to secure Google Cloud infrastructure and services effectively. It serves as a validation of their expertise in cloud security and can enhance career opportunities, increase earning potential, and demonstrate a commitment to professional development. Overall, the Google Professional-Cloud-Security-Engineer certification is an excellent way for IT professionals to demonstrate their expertise in cloud security and gain a competitive edge in the job market.

Google Cloud Certified - Professional Cloud Security Engineer Exam Sample Questions (Q174-Q179):

NEW QUESTION # 174

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?

- A. SSL Proxy Load Balancing
- B. NAT Gateway
- **C. Cloud Armor**
- D. Network Load Balancing

Answer: C

Explanation:

Explanation

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

NEW QUESTION # 175

A company has redundant mail servers in different Google Cloud Platform regions and wants to route customers to the nearest mail server based on location.

How should the company accomplish this?

- A. Configure TCP Proxy Load Balancing as a global load balancing service listening on port 995.
- B. Use Cross-Region Load Balancing with an HTTP(S) load balancer to route traffic to the nearest region.
- **C. Use Cloud CDN to route the mail traffic to the closest origin mail server based on client IP address.**
- D. Create a Network Load Balancer to listen on TCP port 995 with a forwarding rule to forward traffic based on location.

Answer: C

NEW QUESTION # 176

A Cloud Development team needs to use service accounts extensively in their local development.

You need to provide the team with the keys for these service accounts. You want to follow Google-recommended practices. What should you do?

- A. Create a Google Group with all developers. Assign the group the IAM role of Service Account Admin, and have developers generate and download their own keys.
- **B. Implement a daily key rotation process, and provide developers with a Cloud Storage bucket from which they can download the new key every day.**
- C. Implement a daily key rotation process that generates a new key and commits it to the source code repository every day.
- D. Create a Google Group with all developers. Assign the group the IAM role of Service Account User, and have developers generate and download their own keys.

Answer: B

Explanation:

A is not correct because source code repository isn't the place to store keys that expire/change.

B is correct because it allows for centralized admin managed key rotation process and doesn't delegate key creation to developers which is easier and secure way to manage keys.

C is not correct because the IAM role specified doesn't allow for creation of keys.

D is not correct because it veers away from best practices as the keys now reside in decentralized place and can be subjected to a leak.

<https://cloud.google.com/blog/products/gcp/help-keep-your-google-cloud-service-account-keys-safe>

https://cloud.google.com/iam/docs/understanding-service-accounts#best_practices

<https://cloud.google.com/iam/docs/creating-managing-service-account-keys>

NEW QUESTION # 177

A patch for a vulnerability has been released, and a DevOps team needs to update their running containers in Google Kubernetes Engine (GKE).

How should the DevOps team accomplish this?

- A. Verify that auto upgrade is enabled; if so, Google will upgrade the nodes in a GKE cluster.

- B. Use Puppet or Chef to push out the patch to the running container.
- C. Configure containers to automatically upgrade when the base image is available in Container Registry.
- **D. Update the application code or apply a patch, build a new image, and redeploy it.**

Answer: D

Explanation:

<https://cloud.google.com/containers/security>

Containers are meant to be immutable, so you deploy a new image in order to make changes. You can simplify patch management by rebuilding your images regularly, so the patch is picked up the next time a container is deployed. Get the full picture of your environment with regular image security reviews.

NEW QUESTION # 178

Your organization has implemented synchronization and SAML federation between Cloud Identity and Microsoft Active Directory. You want to reduce the risk of Google Cloud user accounts being compromised. What should you do?

- A. Create an Active Directory domain password policy with strong password settings, and configure post-SSO (single sign-on) 2-Step Verification with verification codes via text or phone call in the Google Admin console.
- B. Create a Cloud Identity password policy with strong password settings, and configure 2-Step Verification with security keys in the Google Admin console.
- **C. Create an Active Directory domain password policy with strong password settings, and configure post-SSO (single sign-on) 2-Step Verification with security keys in the Google Admin console.**
- D. Create a Cloud Identity password policy with strong password settings, and configure 2-Step Verification with verification codes via text or phone call in the Google Admin console.

Answer: C

Explanation:

Objective: Reduce the risk of Google Cloud user accounts being compromised.

Solution: Implement strong password policies and post-SSO 2-Step Verification using security keys.

Steps:

Step 1: In Active Directory, configure a domain password policy with strong settings (e.g., complexity, length, expiration).

Step 2: In the Google Admin console, navigate to the Security settings.

Step 3: Enable 2-Step Verification and configure it to use security keys for post-SSO verification.

Step 4: Ensure all users enroll in the 2-Step Verification with security keys.

Using strong password policies in Active Directory along with security keys for 2-Step Verification post-SSO provides enhanced security against account compromises.

Reference:

Active Directory Password Policies

Google Admin Console 2-Step Verification

NEW QUESTION # 179

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