

Exam Professional-Cloud-Security-Engineer Materials - Real Professional-Cloud-Security-Engineer Dumps

Google Cloud - Professional Cloud Security Engineer Exam Dumps

1. Google Cloud Directory Sync communicates with Google Identity Platform over.
A. SSL
B. IGP
C. SFTP
D. ICMP
2. Which page of Configuration Manager in GCDS, you define your LDAP server information?
A. LDAP Configuration page
B. LDAP page
C. Configuration page
D. General Settings page
3. Which type of roles in Google Cloud IAM, include the Owner, Editor, and Viewer roles that existed prior to the introduction of Cloud IAM?
A. Primitive role
B. Predefined role
C. Custom role
D. None of these
4. Envelope encryption makes use of _____.
A. only DEK
B. only KEK
C. Both DEK and KEK
D. Depends upon the application
5. How many conditions does an alerting policy can contain up to?
A. 4 conditions
B. 5 conditions
C. 6 conditions
D. 7 conditions

Log on to www.testpreptraining.com for real exam dumps |

What's more, part of that PracticeDump Professional-Cloud-Security-Engineer dumps now are free: <https://drive.google.com/open?id=1ODYZIPg0jT97kQMyuSgAnTnUzCJ4BfHE>

With the ever-increasing competition, people take Google Professional-Cloud-Security-Engineer certification to exhibit their experience, skills, and abilities in a better way. Having Google Cloud Certified - Professional Cloud Security Engineer Exam Professional-Cloud-Security-Engineer certificate shows that you have better exposure than others. So, Professional-Cloud-Security-Engineer Certification also gives you an advantage in the industry when employers seek candidates for job opportunities. However, preparing for the Google Professional-Cloud-Security-Engineer exam can be a difficult and time-consuming process.

As is known to us, different people different understanding of learning, and also use different methods in different periods, and different learning activities suit different people, at different times of the day. Our Professional-Cloud-Security-Engineer test questions are carefully designed by a lot of experts and professors in order to meet the needs of all customers. We can promise that our Professional-Cloud-Security-Engineer Exam Question will be suitable for all people, including student, housewife, and worker and so on. No matter who you are, you must find that our Professional-Cloud-Security-Engineer guide torrent will help you pass the Professional-Cloud-Security-Engineer exam easily.

>> Exam Professional-Cloud-Security-Engineer Materials <<

Real Professional-Cloud-Security-Engineer Dumps - Valid Professional-Cloud-Security-Engineer Exam Syllabus

we will provide you with the best Google Professional-Cloud-Security-Engineer exam dumps. You can pass the Google

Professional-Cloud-Security-Engineer exam with high marks with the help of the Google Professional-Cloud-Security-Engineer exam questions. These Google Professional-Cloud-Security-Engineer exam practice questions are designed and verified by experienced and qualified Professional-Cloud-Security-Engineer Exam Preparation trainers. They work together and put all their expertise and knowledge while verifying Professional-Cloud-Security-Engineer exam questions all the time.

Google Cloud Certified - Professional Cloud Security Engineer Exam Sample Questions (Q297-Q302):

NEW QUESTION # 297

Your company operates an application instance group that is currently deployed behind a Google Cloud load balancer in us-central-1 and is configured to use the Standard Tier network. The infrastructure team wants to expand to a second Google Cloud region, us-east-2. You need to set up a single external IP address to distribute new requests to the instance groups in both regions. What should you do?

- A. Create a new load balancer in us-east-2 using the Standard Tier network, and assign a static external IP address.
- **B. Change the load balancer frontend configuration to use the Premium Tier network, and add the new instance group.**
- C. Create a Cloud VPN connection between the two regions, and enable Google Private Access.
- D. Change the load balancer backend configuration to use network endpoint groups instead of instance groups.

Answer: B

Explanation:

<https://cloud.google.com/load-balancing/docs/choosing-load-balancer#global-regional>

NEW QUESTION # 298

A security audit uncovered several inconsistencies in your project's Identity and Access Management (IAM) configuration. Some service accounts have overly permissive roles, and a few external collaborators have more access than necessary. You need to gain detailed visibility into changes to IAM policies, user activity, service account behavior, and access to sensitive projects. What should you do?

- **A. Use Cloud Audit Logs. Create log export sinks to send these logs to a security information and event management (SIEM) solution for correlation with other event sources.**
- B. Deploy the OS Config Management agent to your VMs. Use OS Config Management to create patch management jobs and monitor system modifications.
- C. Configure Google Cloud Functions to be triggered by changes to IAM policies. Analyze changes by using the policy simulator, send alerts upon risky modifications, and store event details.
- D. Enable the metrics explorer in Cloud Monitoring to follow the service account authentication events and build alerts linked on it.

Answer: A

Explanation:

The problem requires gaining "detailed visibility into changes to IAM policies, user activity, service account behavior, and access to sensitive projects" due to security inconsistencies.

Cloud Audit Logs: Cloud Audit Logs records administrative activities, data access, and system events across Google Cloud. These logs are the primary source of truth for tracking "who did what, where, and when" in your Google Cloud environment.

Extract Reference: "Cloud Audit Logs maintains the following audit logs for each project, folder, and organization: Admin Activity audit logs, Data Access audit logs, System Event audit logs, Policy Denied audit logs." Extract Reference: "Admin Activity audit logs contain log entries for API calls or other actions that modify the configuration or metadata of resources. Data Access audit logs record API calls that read the configuration or metadata of resources, as well as user-provided data." (Google Cloud Documentation: "Cloud Audit Logs overview" - <https://cloud.google.com/logging/docs/audit>) These logs directly capture: Changes to IAM policies: Recorded in Admin Activity logs.

User activity: Recorded in Admin Activity and Data Access logs.

Service account behavior: Actions performed by service accounts are logged in the same way as user actions.

Access to sensitive projects: Data Access logs, especially for sensitive data services, record access events.

Log Export Sinks: To gain "detailed visibility" and enable "correlation with other event sources," these audit logs should be exported to a centralized Security Information and Event Management (SIEM) solution. Log sinks allow you to route logs from Cloud Logging to various destinations, including BigQuery, Cloud Storage, or Pub/Sub (which can then feed into a SIEM).

Log Export Sinks: To gain "detailed visibility" and enable "correlation with other event sources," these audit logs should be exported to a centralized Security Information and Event Management (SIEM) solution. Log sinks allow you to route logs from Cloud Logging to various destinations, including BigQuery, Cloud Storage, or Pub/Sub (which can then feed into a SIEM).

Extract Reference: "You can use sinks to route some or all of your logs to supported destinations." and "Many security information and event management (SIEM) systems can ingest logs through Cloud Pub/Sub." (Google Cloud Documentation: "Routing and

storage overview | Cloud Logging" - <https://cloud.google.com/logging/docs/routing-overview>)

Let's evaluate the other options:

A). OS Config Management agent: This service manages operating system configurations, patching, and inventory on VMs. It is not designed to monitor or log IAM policy changes, user activity, or service account behavior within Google Cloud's IAM system.

B). Metrics Explorer in Cloud Monitoring: While Cloud Monitoring can provide some metrics related to service account authentication, it focuses on time-series data and operational health metrics. It does not provide the detailed, event-level audit records necessary for forensic analysis of IAM policy changes, specific user actions, or granular access events to sensitive data that Cloud Audit Logs offer.

D). Cloud Functions triggered by IAM policy changes + Policy Simulator: This describes a reactive automation pattern for some IAM changes. While useful for immediate alerting on risky modifications, it's a custom solution for a subset of the requirements. It doesn't inherently provide "detailed visibility" into all user activity or comprehensive service account behavior across all projects, nor does it replace the robust logging and correlation capabilities of a SIEM solution ingesting raw audit logs. Cloud Audit Logs are the fundamental data source this approach would rely on.

Therefore, leveraging Cloud Audit Logs and exporting them to a SIEM is the most comprehensive and recommended approach for gaining detailed visibility into IAM-related changes and activities across your Google Cloud organization.

NEW QUESTION # 299

You need to provide a corporate user account in Google Cloud for each of your developers and operational staff who need direct access to GCP resources. Corporate policy requires you to maintain the user identity in a third-party identity management provider and leverage single sign-on. You learn that a significant number of users are using their corporate domain email addresses for personal Google accounts, and you need to follow Google recommended practices to convert existing unmanaged users to managed accounts.

Which two actions should you take? (Choose two.)

- A. Send an email to all of your employees and ask those users with corporate email addresses for personal Google accounts to delete the personal accounts immediately.
- B. Use Google Cloud Directory Sync to synchronize your local identity management system to Cloud Identity.
- C. Use the Transfer Tool for Unmanaged Users (TTUU) to find users with conflicting accounts and ask them to transfer their personal Google accounts.
- D. Add users to your managed Google account and force users to change the email addresses associated with their personal accounts.
- E. Use the Google Admin console to view which managed users are using a personal account for their recovery email.

Answer: B,C

Explanation:

Explanation

https://cloud.google.com/architecture/identity/migrating-consumer-accounts#initiating_a_transfer

NEW QUESTION # 300

Your organization develops software involved in many open source projects and is concerned about software supply chain threats. You need to deliver provenance for the build to demonstrate the software is untampered.

What should you do?

- A. * 1. Generate Supply Chain Levels for Software Artifacts (SLSA) level 3 assurance by using Cloud Build.* 2. View the build provenance in the Security insights side panel within the Google Cloud console.
- B. * 1. Review the software process.* 2. Generate private and public key pairs and use Pretty Good Privacy (PGP) protocols to sign the output software artifacts together with a file containing the address of your enterprise and point of contact.* 3. Publish the PGP signed attestation to your public web page.
- C. * 1. Hire an external auditor to review and provide provenance.* 2. Define the scope and conditions.* 3. Get support from the Security department or representative.* 4. Publish the attestation to your public web page.
- D. * 1. Publish the software code on GitHub as open source.* 2. Establish a bug bounty program, and encourage the open source community to review, report, and fix the vulnerabilities.

Answer: A

NEW QUESTION # 301

Your organization is rolling out a new continuous integration and delivery (CI/CD) process to deploy infrastructure and applications in Google Cloud. Many teams will use their own instances of the CI/CD workflow. It will run on Google Kubernetes Engine (GKE). The CI/CD pipelines must be designed to securely access Google Cloud APIs. What should you do?

- A. * 1 Create service accounts for each deployment pipeline* 2 Generate private keys for the service accounts* 3 Securely store the private keys as Kubernetes secrets accessible only by the pods that run the specific deploy pipeline
- B. * 1 Create two service accounts one for the infrastructure and one for the application deployment* 2 Use workload identities to let the pods run the two pipelines and authenticate with the service accounts* 3 Run the infrastructure and application pipelines in separate namespaces
- C. * 1 Create individual service accounts (or each deployment pipeline)* 2 Add an identifier for the pipeline in the service account naming convention* 3 Ensure each pipeline runs on dedicated pods* 4 Use workload identity to map a deployment pipeline pod with a service account
- D. * 1 Create a dedicated service account for the CI/CD pipelines* 2 Run the deployment pipelines in a dedicated nodes pool in the GKE cluster* 3 Use the service account that you created as identity for the nodes in the pool to authenticate to the Google Cloud APIs

Answer: C

Explanation:

To securely access Google Cloud APIs from CI/CD pipelines running on Google Kubernetes Engine (GKE), follow these steps:

* Create Service Accounts:

* Create individual service accounts for each CI/CD pipeline. This ensures isolation and minimal permissions per pipeline.

* Use a naming convention that includes an identifier for each pipeline, such as pipeline-a-sa, pipeline-b-sa, etc.

* Configure Kubernetes Service Accounts:

* Create Kubernetes service accounts for each CI/CD pipeline pod.

* Map Kubernetes Service Accounts to Google Service Accounts:

* Use Workload Identity to associate Kubernetes service accounts with the corresponding Google service accounts. This allows the pods to authenticate to Google Cloud APIs securely.

* Example command to bind the Kubernetes service account to the Google service account:

```
gcloud iam service-accounts add-iam-policy-binding \
--role roles/iam.workloadIdentityUser \
--member "serviceAccount:<PROJECT_ID>.svc.id.google[<NAMESPACE>/<KSA_NAME>]" \
<GSA_NAME>@<PROJECT_ID>.iam.gserviceaccount.com
```

* Deploy CI/CD Pipelines:

* Ensure each pipeline runs in dedicated pods that use the specific Kubernetes service accounts configured earlier.

* This setup ensures that each pipeline has the necessary permissions to interact with Google Cloud APIs securely, adhering to the principle of least privilege.

References

* Using Workload Identity

* Managing Service Accounts

NEW QUESTION # 302

.....

One can start using product of PracticeDump instantly after buying. The 24/7 support system is available for the customers so that they don't stick to any problems. If they do so, they can contact the support system, which will assist them in the right way and solve their issues. A lot of Google Cloud Certified - Professional Cloud Security Engineer Exam (Professional-Cloud-Security-Engineer) exam applicants have used the Google Cloud Certified - Professional Cloud Security Engineer Exam (Professional-Cloud-Security-Engineer) practice material. They are satisfied with it because it is updated.

Real Professional-Cloud-Security-Engineer Dumps: https://www.practicedump.com/Professional-Cloud-Security-Engineer_actualtests.html

PracticeDump delivers up to date Professional-Cloud-Security-Engineer exam products and modify them time to time, So you can contact with us if you have problems about Professional-Cloud-Security-Engineer VCE dumps without hesitation, These two simple, easy, and accessible learning formats instill confidence in candidates and enable them to learn all the basic and advanced concepts required to pass the Google Cloud Certified - Professional Cloud Security Engineer Exam (Professional-Cloud-Security-Engineer) Exam, Before you buy our Real Professional-Cloud-Security-Engineer Dumps - Google Cloud Certified - Professional Cloud Security Engineer Exam complete study material, you can download the free demo questions for a try.

Or internal communication piece, When you master Joomla, PracticeDump delivers up to date Professional-Cloud-Security-

