

PROFESSIONAL-CLOUD-DEVOPS- ENGINEER^{Q&As}

Professional Cloud DevOps Engineer

**Pass Google PROFESSIONAL-CLOUD-DEVOPS-
ENGINEER Exam with 100% Guarantee**

Free Download Real Questions & Answers **PDF** and **VCE** file from:

<https://www.leads4pass.com/professional-cloud-devops-engineer.html>

100% Passing Guarantee
100% Money Back Assurance

Following Questions and Answers are all new published by Google
Official Exam Center

- ⚙️ **Instant Download** After Purchase
- ⚙️ **100% Money Back** Guarantee
- ⚙️ **365 Days** Free Update
- ⚙️ **800,000+** Satisfied Customers



QUESTION 1

Your organization is starting to containerize with Google Cloud. You need a fully managed storage solution for container images and Helm charts. You need to identify a storage solution that has native integration into existing Google Cloud services, including Google Kubernetes Engine (GKE), Cloud Run, VPC Service Controls, and Identity and Access Management (IAM). What should you do?

- A. Use Docker to configure a Cloud Storage driver pointed at the bucket owned by your organization.
- B. Configure an open source container registry server to run in GKE with a restrictive role-based access control (RBAC) configuration.
- C. Configure Artifact Registry as an OCI-based container registry for both Helm charts and container images.
- D. Configure Container Registry as an OCI-based container registry for container images.

Correct Answer: C

<https://cloud.google.com/artifact-registry/docs/helm>

QUESTION 2

You are creating a CI/CD pipeline to perform Terraform deployments of Google Cloud resources. Your CI/CD tooling is running in Google Kubernetes Engine (GKE) and uses an ephemeral Pod for each pipeline run. You must ensure that the pipelines that run in the Pods have the appropriate Identity and Access Management (IAM) permissions to perform the Terraform deployments. You want to follow Google-recommended practices for identity management. What should you do? (Choose two.)

- A. Create a new Kubernetes service account, and assign the service account to the Pods. Use Workload Identity to authenticate as the Google service account.
- B. Create a new JSON service account key for the Google service account, store the key as a Kubernetes secret, inject the key into the Pods, and set the `GOOGLE_APPLICATION_CREDENTIALS` environment variable.
- C. Create a new Google service account, and assign the appropriate IAM permissions.
- D. Create a new JSON service account key for the Google service account, store the key in the secret management store for the CI/CD tool, and configure Terraform to use this key for authentication.
- E. Assign the appropriate IAM permissions to the Google service account associated with the Compute Engine VM instances that run the Pods.

Correct Answer: AC

Workload Identity is the recommended way to authenticate to Google Cloud services from GKE. reference: <https://cloud.google.com/kubernetes-engine/docs/tutorials/authenticating-to-cloud-platform>

QUESTION 3

A third-party application needs to have a service account key to work properly. When you try to export the key from your cloud project, you receive an error: "The organization policy constraint iam.disableServiceAccountKeyCreation is

enforced.” You need to make the third-party application work while following Google-recommended security practices.

What should you do?

- A. Enable the default service account key, and download the key.
- B. Remove the iam.disableServiceAccountKeyCreation policy at the organization level, and create a key.
- C. Disable the service account key creation policy at the project's folder, and download the default key.
- D. Add a rule to set the iam.disableServiceAccountKeyCreation policy to off in your project, and create a key.

Correct Answer: B

QUESTION 4

Your company processes IoT data at scale by using Pub/Sub, App Engine standard environment, and an application written in Go. You noticed that the performance inconsistently degrades at peak load. You could not reproduce this issue on your workstation. You need to continuously monitor the application in production to identify slow paths in the code. You want to minimize performance impact and management overhead. What should you do?

- A. Use Cloud Monitoring to assess the App Engine CPU utilization metric.
- B. Install a continuous profiling tool into Compute Engine. Configure the application to send profiling data to the tool.
- C. Periodically run the go tool pprof command against the application instance. Analyze the results by using flame graphs.
- D. Configure Cloud Profiler, and initialize the cloud.google.com/go/profiler library in the application.

Correct Answer: D

<https://cloud.google.com/profiler/docs/profiling-go#app-engine>

QUESTION 5

You support a service that recently had an outage. The outage was caused by a new release that exhausted the service memory resources. You rolled back the release successfully to mitigate the impact on users. You are now in charge of the post-mortem for the outage. You want to follow Site Reliability Engineering practices when developing the post-mortem. What should you do?

- A. Focus on developing new features rather than avoiding the outages from recurring.
- B. Focus on identifying the contributing causes of the incident rather than the individual responsible for the cause.
- C. Plan individual meetings with all the engineers involved. Determine who approved and pushed the new release to production.
- D. Use the Git history to find the related code commit. Prevent the engineer who made that commit from working on production services.

Correct Answer: B

According to Site Reliability Engineering (SRE) practices, the goal of a post-mortem is to identify the underlying causes of the incident in order to take steps to prevent it from happening again in the future. This involves looking for patterns and issues in the system rather than looking for a specific person to blame. It's important to have a focus on learning and continuous improvement, rather than assigning blame.

[PROFESSIONAL-CLOUD-DEVOPS-ENGINEER VCE Dumps](#)

[PROFESSIONAL-CLOUD-DEVOPS-ENGINEER Exam Questions](#)

[PROFESSIONAL-CLOUD-DEVOPS-ENGINEER Braindumps](#)