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.pass2lead.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

QUESTION 1

Your company follows Site Reliability Engineering principles. You are writing a postmortem for an incident, triggered by a software change, that severely affected users. You want to prevent severe incidents from happening in the future. What should you do?

A. Identify engineers responsible for the incident and escalate to their senior management.

B. Ensure that test cases that catch errors of this type are run successfully before new software releases.

C. Follow up with the employees who reviewed the changes and prescribe practices they should follow in the future.

D. Design a policy that will require on-call teams to immediately call engineers and management to discuss a plan of action if an incident occurs.

Correct Answer: B

QUESTION 2

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.

QUESTION 3

You need to deploy a new service to production. The service needs to automatically scale using a Managed Instance Group (MIG) and should be deployed over multiple regions. The service needs a large number of resources for each instance and you need to plan for capacity. What should you do?

A. Use the n1-highcpu-96 machine type in the configuration of the MIG.

B. Monitor results of Stackdriver Trace to determine the required amount of resources.

C. Validate that the resource requirements are within the available quota limits of each region.

D. Deploy the service in one region and use a global load balancer to route traffic to this region.

Correct Answer: C

Validate that the resource requirements are within the available quota limits of each region. It is important to ensure that the resource requirements are within the available quota limits in each region before deploying the service, to avoid exceeding the limits and causing problems. This is essential to ensure that the service is deployed correctly and has the necessary capacity to handle the load.

QUESTION 4

You are using Terraform to manage infrastructure as code within a CI/CD pipeline. You notice that multiple copies of the entire infrastructure stack exist in your Google Cloud project, and a new copy is created each time a change to the existing infrastructure is made. You need to optimize your cloud spend by ensuring that only a single instance of your infrastructure stack exists at a time. You want to follow Google-recommended practices. What should you do?

A. Create a new pipeline to delete old infrastructure stacks when they are no longer needed.

B. Confirm that the pipeline is storing and retrieving the terraform.tfstate file from Cloud Storage with the Terraform gcs backend.

C. Verify that the pipeline is storing and retrieving the terraform.tfstate file from a source control.

D. Update the pipeline to remove any existing infrastructure before you apply the latest configuration.

Correct Answer: B

QUESTION 5

Your organization wants to collect system logs that will be used to generate dashboards in Cloud Operations for their Google Cloud project. You need to configure all current and future Compute Engine instances to collect the system logs, and you must ensure that the Ops Agent remains up to date. What should you do?

A. Use the gcloud CLI to install the Ops Agent on each VM listed in the Cloud Asset Inventory,

B. Select all VMs with an Agent status of Not detected on the Cloud Operations VMs dashboard. Then select Install agents.

C. Use the gcloud CLI to create an Agent Policy.

D. Install the Ops Agent on the Compute Engine image by using a startup script

Correct Answer: C

https://cloud.google.com/stackdriver/docs/solutions/agents/ops-agent/managing-agent-policies

OUD-DEVOPS-ENGINEER Dumps
DEVOPS-ENGINEER Practice Test
DEVOPS-ENGINEER Exam Questions