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QUESTION 1

As a Site Reliability Engineer, you support an application written in Go that runs on Google Kubernetes Engine (GKE) in production. After releasing a new version of the application, you notice the application runs for about 15 minutes and then restarts. You decide to add Cloud Profiler to your application and now notice that the heap usage grows constantly until the application restarts. What should you do?

- A. Increase the CPU limit in the application deployment.
- B. Add high memory compute nodes to the cluster.
- C. Increase the memory limit in the application deployment.
- D. Add Cloud Trace to the application, and redeploy.

Correct Answer: C

QUESTION 2

You are the Site Reliability Engineer responsible for managing your company\\'s data services and products. You regularly navigate operational challenges, such as unpredictable data volume and high cost, with your company\\'s data ingestion processes. You recently learned that a new data ingestion product will be developed in Google Cloud. You need to collaborate with the product development team to provide operational input on the new product. What should you do?

- A. Deploy the prototype product in a test environment, run a load test, and share the results with the product development team.
- B. When the initial product version passes the quality assurance phase and compliance assessments, deploy the product to a staging environment. Share error logs and performance metrics with the product development team.
- C. When the new product is used by at least one internal customer in production, share error logs and monitoring metrics with the product development team.
- D. Review the design of the product with the product development team to provide feedback early in the design phase.

Correct Answer: D

QUESTION 3

You are running an application in a virtual machine (VM) using a custom Debian image. The image has the Stackdriver Logging agent installed. The VM has the cloud-platform scope. The application is logging information via syslog. You want to use Stackdriver Logging in the Google Cloud Platform Console to visualize the logs. You notice that syslog is not showing up in the "All logs" dropdown list of the Logs Viewer. What is the first thing you should do?

- A. Look for the agent\\'s test log entry in the Logs Viewer.
- B. Install the most recent version of the Stackdriver agent.
- C. Verify the VM service account access scope includes the monitoring write scope.



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D. SSH to the VM and execute the following commands on your VM: ps ax | grep fluentd.

Correct Answer: D

Reference: https://groups.google.com/g/google-stackdriver-discussion/c/FXehB9a-5Vk?pli=1

QUESTION 4

You are writing a postmortem for an incident that severely affected users. You want to prevent similar incidents in the future. Which two of the following sections should you include in the postmortem? (Choose two.)

- A. An explanation of the root cause of the incident.
- B. A list of employees responsible for causing the incident
- C. A list of action items to prevent a recurrence of the incident
- D. Your opinion of the incident\\'s severity compared to past incidents
- E. Copies of the design documents for all the services impacted by the incident

Correct Answer: AC

https://cloud.google.com/blog/products/gcp/fearless-shared-postmortems-cre-life-lessons

QUESTION 5

Your organization wants to increase the availability target of an application from 99.9% to 99.99% for an investment of \$2,000. The application\\'s current revenue is \$1,000,000. You need to determine whether the increase in availability is worth the investment for a single year of usage. What should you do?

- A. Calculate the value of improved availability to be \$900, and determine that the increase in availability is not worth the investment.
- B. Calculate the value of improved availability to be \$1,000, and determine that the increase in availability is not worth the investment.
- C. Calculate the value of improved availability to be \$1,000, and determine that the increase in availability is worth the investment.
- D. Calculate the value of improved availability to be \$9,000, and determine that the increase in availability is worth the investment.

Correct Answer: A

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