EXAM CLOUD DIGITAL LEADER TOPIC 1 QUESTION 170 DISCUSSION

Actual exam question from Google's Cloud Digital Leader
Question #: 170
Topic #: 1
[All Cloud Digital Leader Questions]

An organization wants to better understand the behavior of their code in production and analyze its state to identify hard-to-find programming errors.

Which Google Cloud tool should the organization use?

A. Debugger

B. Profiler

C. Cloud Monitoring

D. Trace

Show Suggested Answer

by gviolant at *Jan. 13, 2023, 12:22 p.m.*

Comments

Kasica96 Highly Voted 1 year, 7 months ago

Selected Answer: A

Cloud Debugger solves the problem of isolating issues that occur only in production. By letting you inspect the state of a running application in real time, without stopping or slowing it down, Debugger helps you solve problems that can be impossible to reproduce in a local environment. Debugger also saves time by eliminating the process of redeploying applications just to add logging statements.

Some issues only arise in production—and debugging locally isn't an option. At other times, redeploying resolves the issue for some period of time, but the root cause of the problem hasn't been corrected. When this happens, use Cloud Debugger to find the problem by taking snapshots of variables and the call stack and injecting debug logpoints in your running application. Your users are not affected while you capture the call stack and variables at any location in your source code.

upvoted 6 times

chai_gpt Most Recent 11 months, 3 weeks ago

Selected Answer: A

A is correct

upvoted 2 times

__rajan__ 1 year ago

Selected Answer: A

A is correct.

upvoted 2 times

serenity8468 1 year, 3 months ago

Debugger - inspect states of running app after deployment
Profiler - Analyze performance
Cloud Monitoring - Analyze metrics of all apps and infrastructures
Trace - analysis to understand request flow, service topology, and latency issues

upvoted 4 times

Kasica96 1 year, 7 months ago

https://cloud.google.com/debugger/docs/setup
Cloud Debugger solves the problem of isolating issues that occur only in production. By letting you inspect the state of a running application in real time, without stopping or slowing it down, Debugger helps you solve problems that can be impossible to reproduce in a local environment. Debugger also saves time by eliminating the process of redeploying applications just to add logging statements.

Some issues only arise in production—and debugging locally isn't an option. At other times, redeploying resolves the issue for some period of time, but the root cause of the problem hasn't been corrected. When this happens, use Cloud Debugger to find the problem by taking snapshots of variables and the call stack and injecting debug logpoints in your running application. Your users are not affected while you capture the call stack and variables at any location in your source code.

upvoted 1 times

SoftSami 1 year, 7 months ago

Selected Answer: A

The organization should use Google Cloud Debugger to better understand the behavior of their code in production and analyze its state to identify hard-to-find programming errors.

upvoted 2 times

CoGCDL 1 year, 7 months ago

The tool that the organization should use to better understand the behavior of their code in production and analyze its state to identify hard-to-find programming errors is option D, Trace.

Google Cloud Trace is a distributed tracing system that helps in collecting, analyzing, and debugging distributed systems. It allows developers to trace the path of a request through a complex system, and it provides detailed information about latency and other performance metrics. With Trace, organizations can identify and diagnose hard-to-find programming errors, optimize application performance, and improve the end-user experience.

upvoted 1 times

PHD_CHENG 1 year, 8 months ago

Selected Answer: A

A is correct

upvoted 1 times

Bolah 1 year, 9 months ago

A is the answer

upvoted 2 times

MultiCloudIronMan 1 year, 9 months ago

Selected Answer: A

I think its A

upvoted 1 times

Swati511 1 year, 9 months ago

It should be A

upvoted 1 times

ujuuuu 1 year, 9 months ago

Selected Answer: A

Cloud Debugger helps monitor application performance. IT teams can inspect the state of a running application in real time, without stopping or slowing it down. This means that end users are not affected while a developer searches the source code. IT teams can use it to understand the behavior of their code in production and analyze its state to find those hard-to-find bugs.

upvoted 1 times

Haplo46 1 year, 9 months ago

Profiler is the tool that an organization should use to better understand the behavior of their code in production and analyze its state to identify hard-to-find programming errors. It provides detailed performance data, including CPU and heap usage, that can be used to identify performance bottlenecks and memory leaks. Additionally, it allows you to profile your code in real time and see the source code

upvoted 2 times

gviolant 1 year, 9 months ago

Selected Answer: A

the answer is Debugger.
Cloud Debugger Investigate code behavior in production instead Cloud Monitoring and Cloud Logging to monitor the health and performance

upvoted 3 times

We are the biggest and most updated IT certification exam material website.

Using our own resources, we strive to strengthen the IT professionals community for free.