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Exam Cloud Digital Leader All Questions

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

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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_qpt Most Recent ② 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 E APHD_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

■ MultiCloudIronMan 1 year, 9 months ago
Selected Answer: A

upvoted 2 times

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

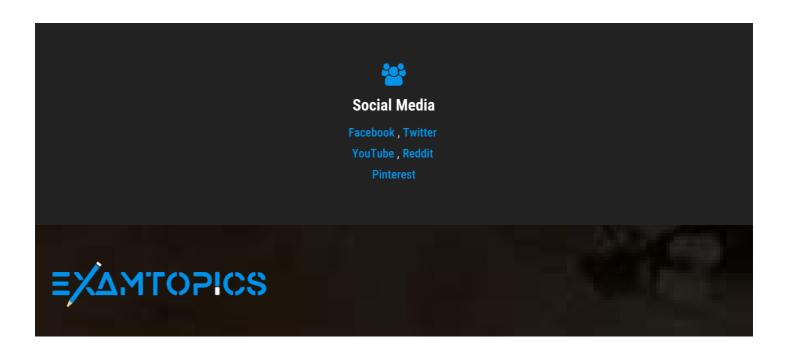
Selected Answer: A

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

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