Lecture-68
Summary

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This concludes the let Google keep an eye on things module. Let me remind you of what you have learned. Infrastructure as code is taking what a required infrastructure needs to look like and defining it as code infrastructure as code tools allow for the creation of entire architectures through the use of templates which serve as configuration files. Google Cloud deployment manager is an infrastructure as code tool to manage Google cloud resources.

Cloud deployment manager uses a declarative approach which allows you to specify what the configuration should be and let the system figure out the steps to take to get there. Stackdriver monitoring provides visibility into the performance uptime and overall health of web applications and other internet accessible services running in your cloud environment. Stackdriver logging allows you to store search analyze monitor and alert on log data and events in a single place.

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Stackdriver error reporting counts analyzes and aggregates the crashes in your running cloud services in real-time. And stackdriver trace allows you to inspect detailed latency information for a single request or view aggregate latency information for your entire application. Stackdriver to debugger lets you inspect the state of a running application in real time without stopping it or slowing it down. And finally stack driver profiler continuously gathers and analyzes the performance of CPU and memory intensive functions executed across your production applications.