Google Cloud Status Dashboard

This page provides status information on the services that are part of Google Cloud Platform. Check back here to view the current status of the services listed below. If you are experiencing an issue not listed here, please contact Support. Learn more about what's posted on the dashboard in this FAQ. For additional information on these services, please visit cloud.google.com.

Google Cloud Dataflow Incident #16001

Cloud Dataflow unavailable for all customers

Incident began at **2016-08-12 13:30** and ended at **2016-08-12 15:15** (all times are **US/Pacific**).

DATE	TIME	DESCRIPTION
✅ Aug 18, 2016	15:29	SUMMARY: On Friday 12 August 2016, Cloud Dataflow experienced pipeline delays for 99 minutes. Although all pipelines did eventually successfully complete, we know that you rely on the timely execution of these flows and apologise for the long duration and impact of this incident. We are taking steps to improve reliability and time to resolution so that we meet the level of service that you rightly expect. DETAILED DESCRIPTION OF IMPACT: On Friday 12 August 2016 13:29 to 15:08 PDT all Dataflow pipelines ceased to process data, but remained in "Running" state. Requests to start new Dataflow pipelines or cancel existing ones failed. After the period of impact, existing pipelines resumed processing without missing any input data. ROOT CAUSE: During mitigation of a lower impact performance issue, Google engineers made a configuration change to pipeline orchestration. An error in this configuration caused validation within the orchestration component to reject all requests. As calls to this component are needed to create jobs, cancel jobs and make progress on existing jobs, none of these operations were possible. REMEDIATION AND PREVENTION: At 14:59 Google engineers rolled back the erroneous configuration change, a few minutes after which errors ceased and normal pipeline execution resumed. In future Dataflow configuration changes will go through additional validation in the form of pre-deployment tests, staging and progressive rollouts. This defense in depth will minimize the possible impact of future errors. To improve detection and isolation time, Dataflow servers are being altered to abort if started with invalid configuration. This provides a strong signal that can be used in automated systems and is fast for engineers to identify. Additionally we are improving our availability alerting such that elevated error rates on all operations will notify engineers of problems more quickly. We apologize for the difficulty this issue caused you.
✅ Aug 12, 2016	16:53	We experienced an issue with Cloud Dataflow that resulted in complete unavailability of the service. This has been resolved for all affected customers as of 15:15 US/Pacific. We will conduct an internal investigation of this issue and make appropriate improvements to our systems to prevent or minimize future recurrence. We will provide a more detailed analysis of this incident once we have completed our internal investigation.

All times are US/Pacific

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