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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 BigQuery Incident #18022

BigQuery Streaming API failing

Incident began at 2016-11-08 16:00 and ended at 2016-11-08 20:00 (all times are US/Pacific).

	DATE	TIME	DESCRIPTION
•	Nov 11, 2016	13:14	Small correction to the incident report. The resolution time of the incident was 20:00 US/Pacific, not 20:11 US/Pacific. Similarly, total downtime was 4 hours.
	Nov 11, 2016	12:14	SUMMARY: On Tuesday 8 November 2016, Google BigQuery's streaming service, which includes streaming inserts and queries against recently committed streaming buffers, was largely unavailable for a period of 4 hours and 11 minutes. To our BigQuery customers whose business analytics were impacted during this outage, we sincerely applogize. We will be providing an SLA credit for the affected inneffrance we have conducted an internal investigation and are taking steps to improve our service. DETAILED DESCRIPTION OF IMPACT: On Tuesday 8 November 2016 from 16:00 to 20:11 US/Pacific, 73% of BigQuery streaming inserts failed with a 503 error code indicating an internal arror had outcurred during the insertion. At pask, 93% of BigQuery streaming inserts failed. During the incident, queries performed on tables with recently-streamed data returned a result code (400) indicating that the table was unavailable for querying; Queries against tables in which data were not streamed within the 24 hours preceding the incident were unaffected. There were not season with monstreaming injustion of data. ROOT CAUSE: The BigQuery streaming service requires authorization checks to verify that it is streaming data from an authorized entity to a table that entity has permissions to access. The authorization service relies on a caching layer in order to reduce the number of calls to the authorization backend. At 16:00 US/Pacific, a combination of reduced backend authorization capacity culped with routine cache entry referebes caused a urge in requests to the authorization backend. At 16:00 US/Pacific, a combination of reduced backend authorization capacity culped with routine cache entry referebes caused a use of a member of calls to the authorization access of authorization requests on an already overloaded authorization attempts, this overload meant than new streaming requests would require re-authorization, the province of cache failed authorization streaming service would require resultance. Google engineers were elected to issues
•	Nov 08, 2016	20:21	The issue with the BigQuery Streaming API should have been resolved for all affected tables as of 20:07 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.
•	Nov 08, 2016	20:00	We're continuing to work to restore the service to the BigQuery Streaming API. We will add an update at 20:30 US/Pacific with further information.
8	Nov 08, 2016	19:44	We are continuing to investigate the issue with BigQuery Streaming API. We will add an update at 20:00 US/Pacific with further information.
8	Nov 08, 2016	19:00	We have taken steps to mitigate the issue, which has led to some improvements. The issue continues to impact the BigQuery Streaming API and tables with a streaming buffer. We will provide a further status update at 19:30 US/Pacific with current details
8	Nov 08, 2016	18:30	We are continuing to investigate the issue with BigQuery Streaming API. The issue may also impact tables with a streaming buffer, making them inaccessible. This will be clarified in the next update at 19:00 US/Pacific with current details.
	Nov 08, 2016	18:00	We are still investigating the issue with BigQuery Streaming API. There are no other details to share at this time but we are actively working to resolve this. We will provide another status update by 18:30 US/Pacific with current details.
8	Nov 08, 2016	17:30	We are still investigating the issue with the BigQuery Streaming API. Current data indicates that all projects are affected by this issue. We will provide another status update by 18:00 US/Pacific with current details.
	Nov 08, 2016	17:28	We are investigating an issue with the BigQuery Streaming API. We will provide more information by 17:30 US/Pacific.

All times are US/Pacific Send Feedback