AWS-DATA General Info Resources Blitz 250

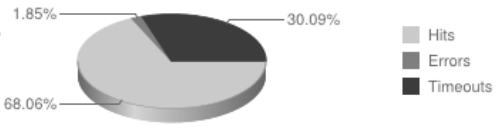
RESPONSE TIME

11 MS FROM VIRGINIA

# Load Test Report

**ANALYSIS** **DATE : 5/4/2013**

This **rush** generated **19,772** successful hits in **5.0 min** and we transferred **429.46 MB** of data in and out of your app. The average hit rate of **64/second** translates to about **5,587,266** hits/day.




The average response time of **818 ms** is considerably higher than most other that are built to scale out. Response times less than **250 ms** are what the cool kids strive for.

You've got bigger problems, though: **31.94%** of the users during this **rush** experienced timeouts or errors!

**ERRORS**

The first error happened at **20.04 seconds** into the test when the number of concurrent users was at **126**. Errors are usually caused by resource exhaustion issues, like running out of file descriptors or the connection pool size being too small (for SQL databases).

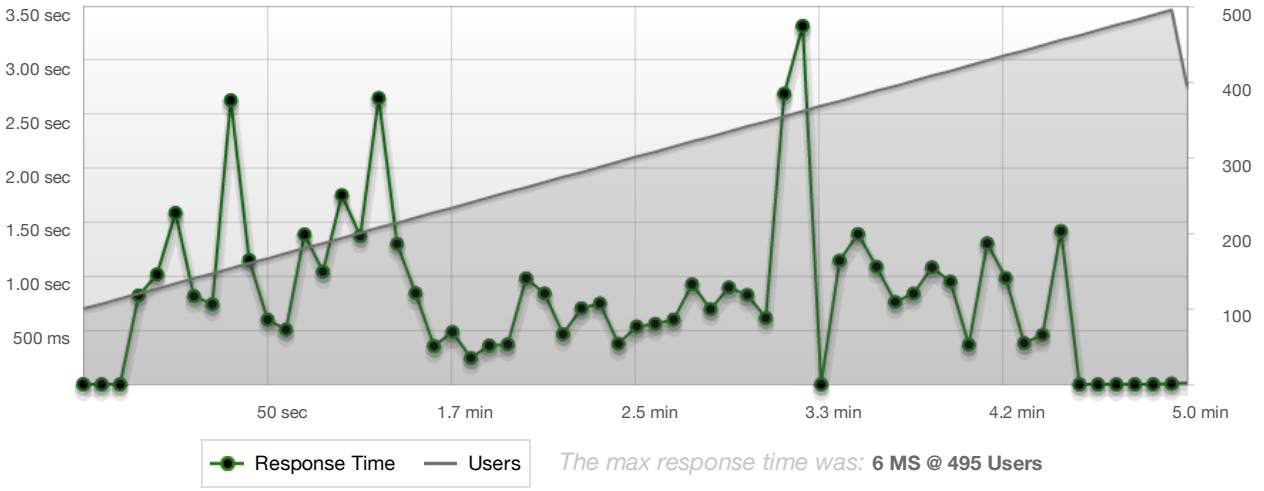
**TIMEOUTS**

The first timeout happened at **10.02 seconds** into the test when the number of concurrent users was at **113**. Looks like you've been rushing with a timeout of **5.00 seconds**. Timeouts tend to increase with concurrency if you have lock contention of sorts. You might want to think about in-memory caching using redis , memcached or varnish to return stale data for a period of time and asynchronously refresh this data.

**TEST** (**Started at:** Sat May 04 2013 15:21:14 GMT-0700 (PDT) | **Finished at:** Sat May 04 2013 15:26:19 GMT-0700 (PDT))

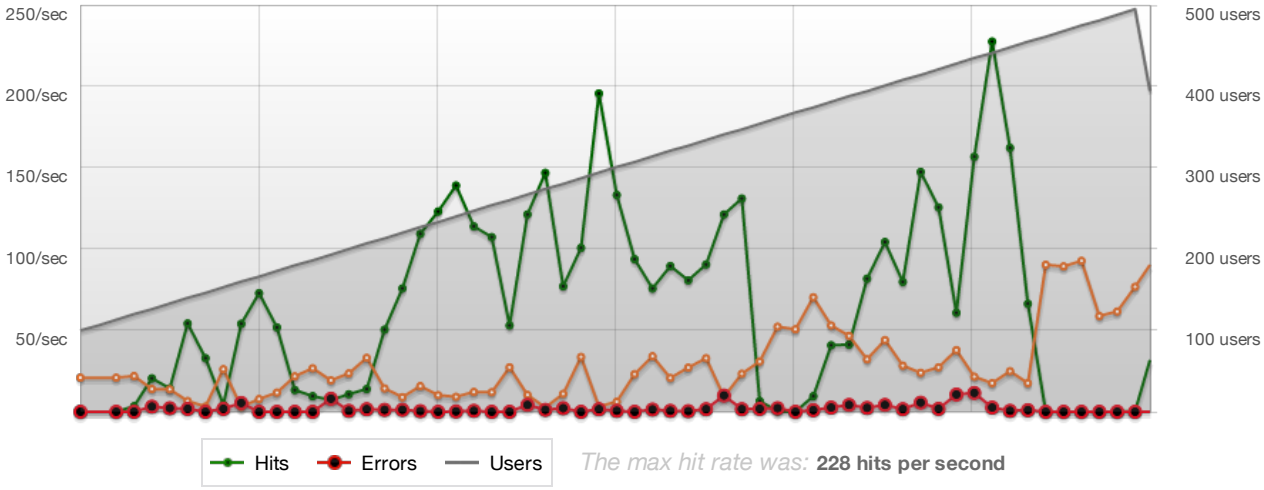
-T 5000 -p 100-500:300 http://aws-data.herokuapp.com/aws_instances/index?region=us-east

## RESPONSE TIMES




*The max response time was:* **6 MS @ 495 Users**

## HIT RATE




*The max hit rate was:* **228 hits per second**

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