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# Incident documentation/20140622-es1006

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## Summary

There was a 50-second flash of 5xx responses which corresponds to a spike of "Too many connections" errors for es1006 in dberror.log.

## Timeline

First error: Sun Jun 22 8:01:37 UTC 2014  
Last error: Sun Jun 22 8:02:27 UTC 2014

Mean CPU utilization since the 12th is up around 90% compared to the previous ten day period:

[http://graphite.wikimedia.org/render/?target=servers.es1006.cpu.total.user.value&from=00%3A00\\_20140601&until=23%3A59\\_20140622&width=600&height=300](http://graphite.wikimedia.org/render/?target=servers.es1006.cpu.total.user.value&from=00%3A00_20140601&until=23%3A59_20140622&width=600&height=300)

[http://graphite.wikimedia.org/render/?target=servers.es1006.cpu.total.user.value&from=00%3A00\\_20140601&until=23%3A59\\_20140622&width=600&height=300](#)

In fact it is a general load jump for external storage that has been causing similar glitches for some days. There is a corresponding jump also starting on the 12th on the S5 slaves (dewiki, wikidatawiki). None of the other shards show the pattern.

During IRC discussion a probable spike in Wikidata traffic was identified; mostly Wikibase\Lib\Store\WikiPageEntityLookup::selectRevisionRow which would also hit ES. Aude and Hoo investigated and found a latent Wikidata [caching bug](#).

## Conclusions

Traffic increased on ES and S5. Probable cause was a latent Wikidata bug.

## Actionables

- Status: ■ **Done** An additional S5 slave has been deployed.
- Status: ■ **Done** DB traffic sampling has been deployed to S5.
- Status: ■ **Done** Aude and Hoo deployed <https://gerrit.wikimedia.org/r/#/c/141997/>

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