



Toolforge webservices are in the final stages of [migrating to the toolforge.org domain](#).
Please help us clean up older documentation referring to tools.wmflabs.org!

Incident documentation/20170126-API Slowdown

< [Incident documentation](#)

Very WIP- still under heavy research

On the 2017-01-26, from 17:51 to 18:15 (all times UTC) there was a slowdown/increase in 500 responses on Wikimedia wikis' [Mediawiki Action API](#). While there was scheduled maintenance at the time, no user impact should have been seen, the underlying cause is still being researched.

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Summary

- A core router started rebooting/behaving strangely since 12 January [Task T155875](#)
- DB and other services impact was mitigated by moving essential services away from the affected rack [Task T155875](#) (e.g. s1 master)
- Maintenance started on router at 17:51- mediawiki should have just depooled affected services (dbs), and continue unaffected, as usual, but it didn't work/didn't work as expected
- API latency/throughput impact can be seen at:
 - <https://grafana.wikimedia.org/dashboard/db/api-summary?from=1485431717947&to=1485475144648>
 - <https://grafana.wikimedia.org/dashboard/db/navigation-timing?var-metric=saveTiming&from=1485431717947&to=1485475144648>
 - <https://grafana.wikimedia.org/dashboard/db/mysql-aggregated?from=1485431717947&to=1485475144648>
- Depooling affected API servers resolved the issue

Timeline

- 17:46 paravoid: stopping pybal on lvs1001/lvs1002/lvs1003
- 17:51 paravoid: replacing asw-c2-eqiad
- 17:57 elukey: bootstrapping aqs1007-a cassandra instance
- 18:14 paravoid: rebooting newly provisioned asw-c2-eqiad to enable mixed mode
- 18:15 jynus@tin: Synchronized wmf-config/db-eqiad.php: Depool db1055, 56, 57, 59 (duration: 00m 54s)
- 18:32 paravoid: starting pybal on lvs1001/lvs1002/lvs1003

Conclusions

More research is needed to understand why the issue happened and how mediawiki model works, and if it has a bug for this particular scenario.

Actionables

- [Task T156475](#)

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