Q



Main page Recent changes Server admin log (Prod) Server admin log (RelEng) **Deployments** SRE/Operations Help

Cloud VPS & Toolforge

Cloud VPS documentation

Incident status

Toolforge documentation

Request Cloud VPS

Server admin log (Cloud VPS)

Tools

What links here Related changes Special pages Permanent link Page information Cite this page

Print/export

Create a book Download as PDF Printable version

Page Discussion View source

View history

Search Wikitech

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/20160823-ToolsProxy

< Incident documentation

Contents [hide]

- 1 Summary
- 2 Timeline
- 3 Conclusions
- 4 Actionables

Summary

Tool Labs proxy (and thus all webservice accessibility from the internet) were down for approximately 2 minutes, between UTC 0546 and 0548, Tue Aug 23.

Timeline

- 0546: Yuvi gets a page for PAWS being down
- 0546: Yuvi investigates, notices tools is down too
- 0547: SSHs into tools-proxy-01, looks at error.log. Notice lots of 768 worker_connections are not enough errors
- 0548: Restarts nginx, fixing the issue for now.

Conclusions

- Our current worker_connections limit is too low.
- There was no widespread paging for this. PAWS alert is set to alert only Yuvi, and also caught this only incidentally.
- We had a higher worker_connections limit, but that was killed in favor of the default number in https://gerrit.wikimedia.org/r/#/c/297829/&.
- There's no quick way to failover tools-proxy, making intense debugging a priority over failover & calmly investigating.

Actionables

- Increase the worker_connections limit, tune nginx properly phab:T143637
- Setup paging with a super simple webservice, to replace the killed tools home page check phab:T143638
- Make a script that facilitates failover of tools / nova proxy phab:T143639

Category: Incident documentation

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