

Cache flush

<insert your own toilet related joke here>

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Goal

- To allow domain owners to flush recursive caches in an emergency
- Emailing DNS-Operations, BIND users, smoke signals, etc doesn't cut it...

History

- jabley and I wrote a draft many years ago
 - This was, um, not universally loved...
 - So we wrote a requirements and use case doc but this was boring...
and so we got sidetracked...
- Now it's all needed again:
nytimes.com
twitter.com
windowsmedia.com
craigslist.com

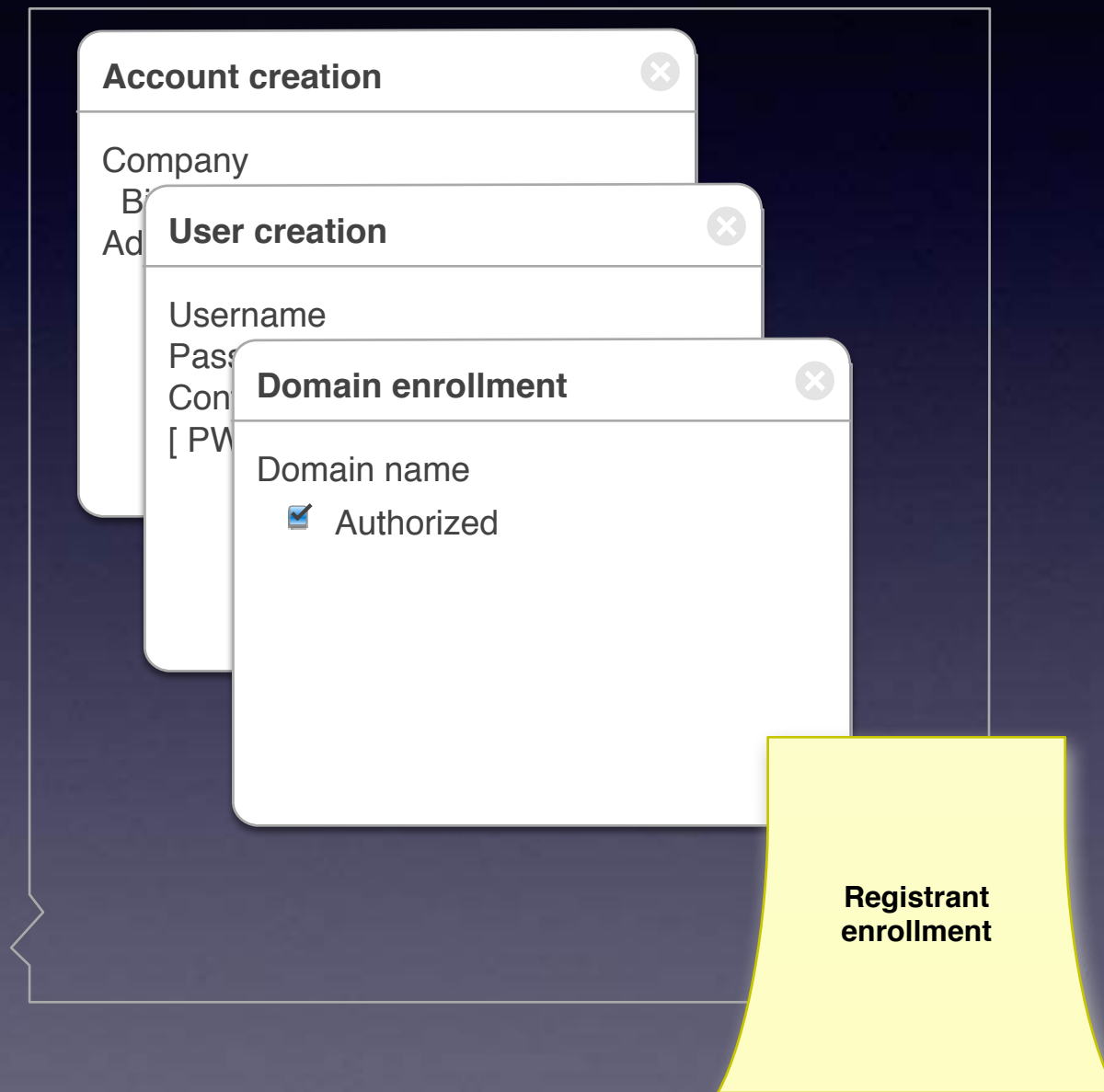
Overview

- Federation
- Domain owners enroll in system
 - Authenticate domains
 - Win? Ready for boo-boo...
- Resolvers enroll in system
 - Small daemon
 - Win? Happier / safer customers

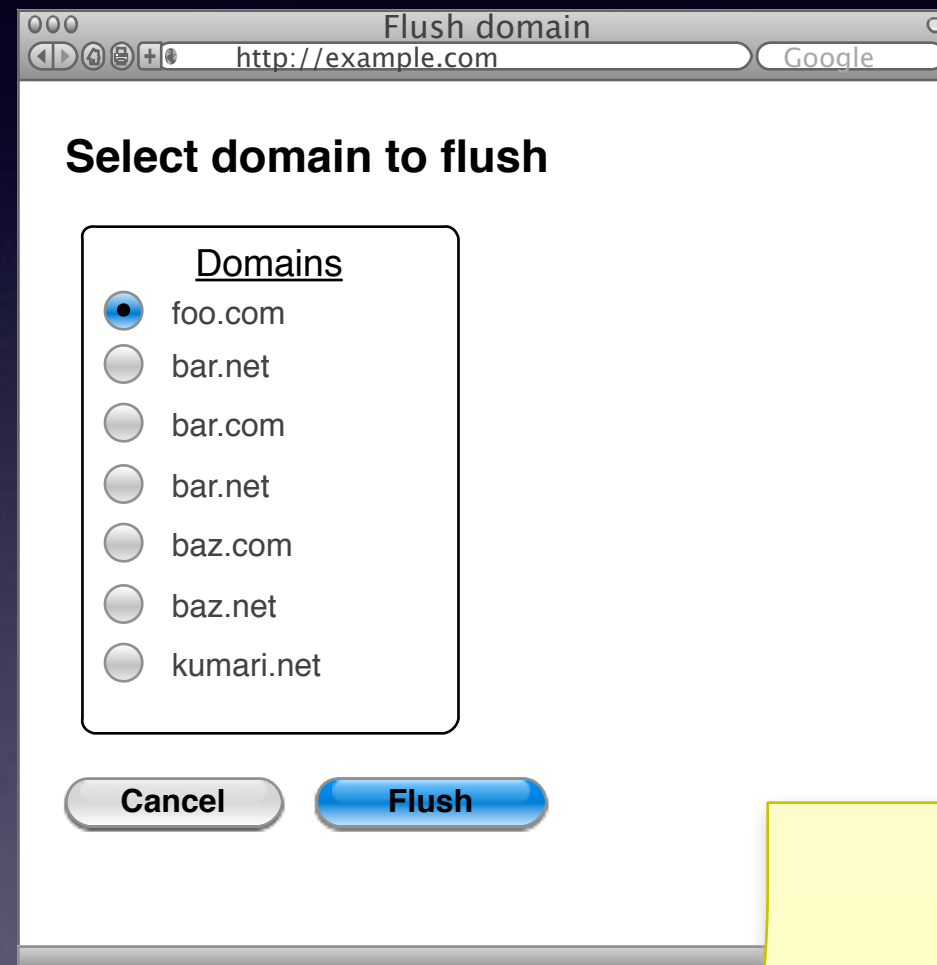
Break glass

- Domain owner logs in and requests cache flush
- System validates that they own the domain
- Generates and signs a cache flush message
- Publishes it using PubSubHubbub
- Recursives get message, validate
- Using 'rndc' (or similar) flush cache
- No muss, no fuss...

Account setup



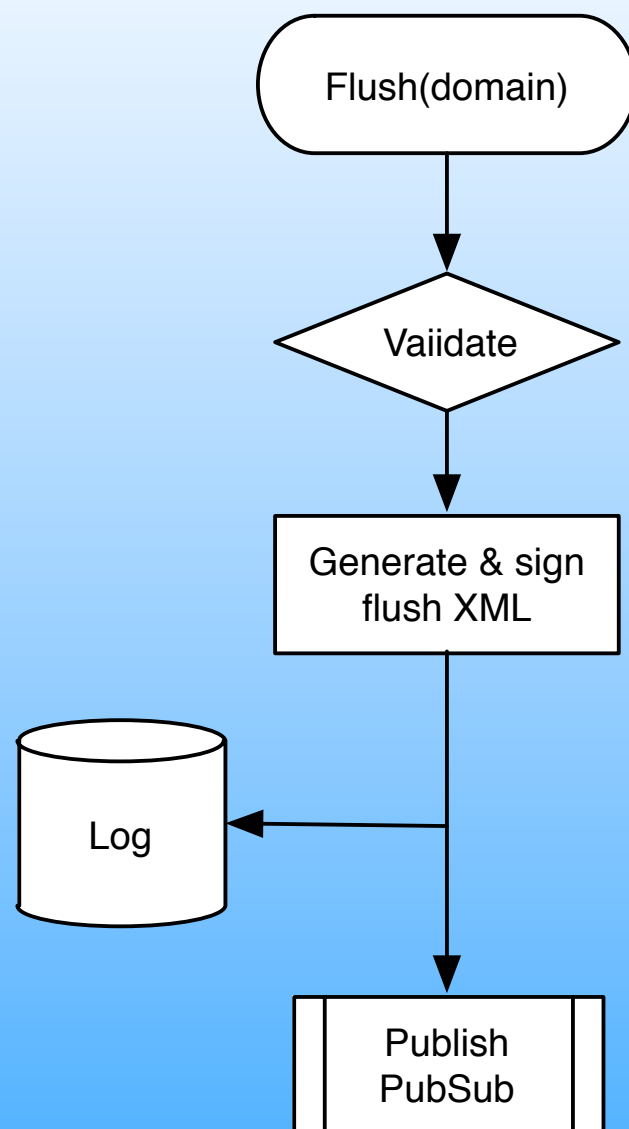
In case of emergency...



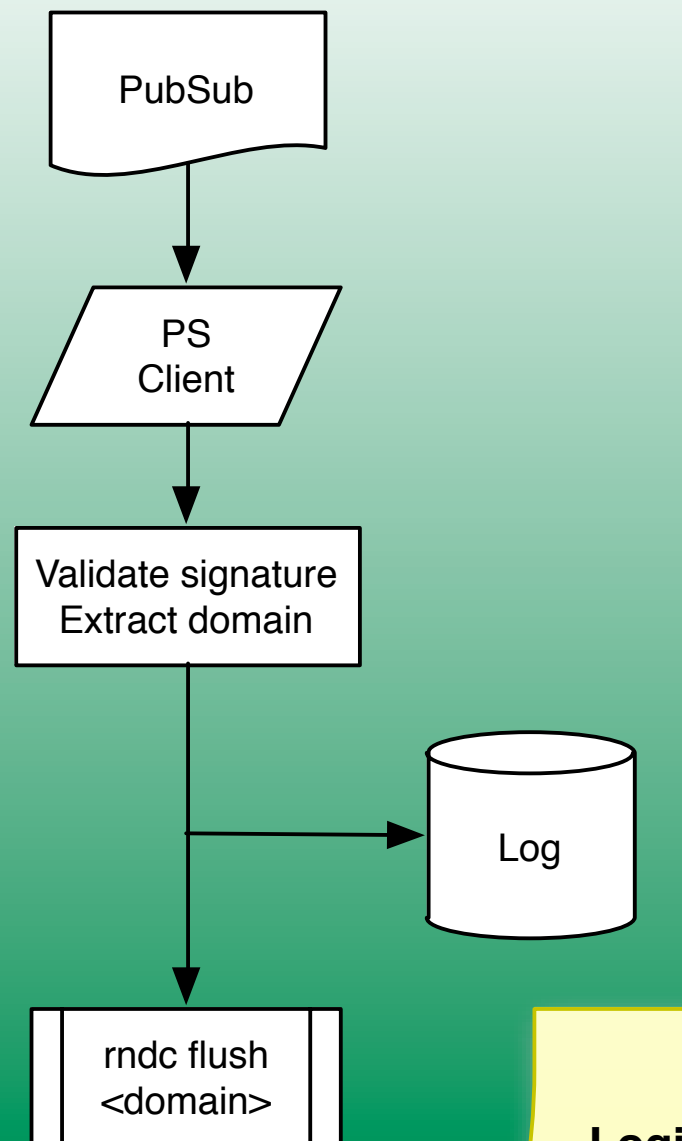
Flush domain

Logic

Flush commander



Resolver



Logic

Questions?