

Meeting 2016-08-01

Present: Tom, Andy, Sarah, Matt

Apologies: Grant

Decision making mechanism - adopt board Circular Resolutions?

Agreed to try board circular resolutions as-is for the moment. Can always revisit if they aren't working for us.

Database: replication, failover, new hardware

Upgrade took 25s, and it looks like a 1h mostly read-only period, with 5-10 minutes of actual downtime. Disk on karm would be full with the level of archives that we currently have on katla. But could store them elsewhere or expand the disks in karm (NVMe or SAS/SATA). Price up options & do as a circular res.

Buy karm+1 - aim to keep 3 database servers (karm, karm+1, katla) in service.

Being multi-site: Slough, getting other sites

Try reaching out through personal network, if any, first. Try putting a currently-unpowered server in Exonetric? Reach out to commercial providers, and consider paying commercial rates. Prefer options in EU over UK.

Virtualisation. Benefits: move stuff around more easily, possibly. Downsides: moving storage not easy, initial work and learning curve. What are the benefits over plain Chef?

We running Gosmore backend, but is it getting any traffic? We had a Forum machine, but the Forum was never moved to it, it's now shut down.

Backups: where, when, wal-e?

Discussed tarsnap - price out this and glacier-based backup & send around for discussion & decision. For online systems, there are always "root" credentials which can wipe everything, so secondary concern is where/how to keep these accessible but not deletable.

Aerial imagery: we need a policy.

Problems: existing solution is pretty ad-hoc, we host a mixed bag of not well-known sources. It's not advertised, and the existence of the layers is not well known. Might snowball into a very big thing. Possible policies to try out initially:

1. Only data that's useful for mappers, and compatible with tracing into OSM, and redistributable.
2. Only for mappers - aerial imagery service is not for any 3rd party use.
3. Limit spending on aerial imagery related things to 10% of annual budget.
4. Layers must be submitted to be listed on OAM / imagery sources list. (To make discoverable. This isn't a rival to OAM. But listing on OAM might send the wrong message about the intent.)
5. Only host imagery which could not be hosted elsewhere, and other hosting options have been exhausted.
6. Aim to redistribute the source imagery, rather than the tile service.

Distinction between `_sources_` and `_service_`? Can we ask Amazon if they would host the raw imagery?

-- 20:13 -- END OF MEETING --

TODO: Matt to summarise and send around on mailing list for discussion & decisions.

Tiles: more hardware? more tile caches? what's the limiting factor?