Site report UGent

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Quattor workshop 30/09-02/10/2014
Done since previous workshop 03/2014

- No more EL5! (but now EL7 as 2nd OS to support)
- Main repo in (private ugent) github
  - finally review all quattor changes that go into master
    - still not shareable with outside
- All remote logger
  - send stdout/stderr via nc or /dev/tcp to rsyslog
    - for %pre, %post and post-reboot
  - aside from enabling syslog in anaconda
  - essential for getting All working on EL7
Done (cont.)

- Trigger spma on quattor buildid
  - every compile and notification triggers spma run
  - Mainly to deploy security patches / keep machines up to date
    - no service restart, rebooting,... (any ideas?)
- Initial EL7 support
- Ceph evaluation continued
- Started cloud (with OpenNebula)
  - incl All integration
- Migrate hybrid quattor/vendor tool to quattor only
  - currently ongoing for compute nodes
No progress since

- no IPA yet
  - realm, DNS and AD issue
    - ai-freeipa fixed and tested during Q4B at RAL
- no Aquilon yet
  - (any ideas/hooks for github workflow coupling?)
Future

- EL7 compute cluster
  - Jan 2015 target
  - Will require more/completed EL7 support in quattor
- Improved monitoring of quattor state/progress
Open issues

- Common namespace / schema for VMs?
  - store hypervisor details relevant for the VM
    - e.g. in ONE, map disk to datastore
  - indicate a node is a VM
    - explicit /vm = true
    - implicit hardware/location = cloud(y)?

- Generalised VM/cloud hook for AII?

- Scaling issues esp. for monitoring
  - how do you keep track of 500 nodes installing/updating/...?
  - verify they are all in proper state