NagiosBox for Biomed

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Context and Goals

- Biomed wants to run VO-specific (SAM) tests
  - Mostly generic tests run as biomed instead of ops
  - Required to assess site readiness for biomed productions
- SAM tests are now run through Nagios
  - CERN/NGI servers for ops tests
  - One Nagios server required for biomed: GRIF proposed to set it up and operate it
- GRIF has experience of managing Nagios with Quattor for its internal use but using site-specific templates
  - Good opportunity to evaluate usability of QWG templates for Nagios and if successful to move to them
  - Evaluate usability of OAT-provided components in the Quattor context to participate to the Quattor monitoring discussion
- Collected information to be access through MyEGEE
  - Nagios interface not suitable for normal users

Design Choices

- A machine managed by Quattor
  - Using QWG Nagios templates to configure Nagios *services*
- List of hosts to monitor generated by a cron on the Nagios server based on BDII contents
  - Not part of Nagios configuration
- Use OAT Nagios extensions and RPMs for executing grid probes
  - In particular to submit grid jobs
  - No use of NCG: too monolithic, difficult to integrate with part of the configuration managed by Quattor
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Issues

- OAT RPMs have requirements different from gLite for underlying RPMs coming from DAG/EPEL…
  - Generally more recent
  - No conflict found so far
- It’s a pitty OAT NCG is not more modular…
- Lack of sharing of information between sites
  - quattor-nagios rather silent…