Quattor Usage @ Nikhef

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Clusters	4 clusters, 1 site
Administrators	5
Machines	~300
Servers	1 server, 2 repository mirrors
Configuration	SCDB+local changes, SVN
Compiler	8.2.5
Virtualization	Xen:7 hosts, 38 guests
Monitoring	Nagios: 1 master, 3 slaves

- Smooth transition to panc 8.2.x
  - 1 incompatible template (usage SELF)
  - No performance improvement observed
  - Content with logging
- Hierarchy of Nagios servers
  - QWG-based; Willing to share setup
  - New: ncm-nsca
  - Not yet: grid-monitoring probes, httpd configuration
- Virtualization
  - Xen client setup
  - QWG-based
    - Issue: host and guest in different clusters
    - Workaround: additional nlist() describing virtual hardware

- Ncm-openvpn 1.0.0
  - Server and client
- Ncm-yaim 1.2.0
  - New features
  - Serious refactoring
  - Some backward incompatible changes; **more to come**!
- WN compilation speed-up via dummy
  - Compile-time dependency
- Strength of community?