



# INFN-T1 status report

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# CDB to SCDB transition

- In my opinion a big improvement, but...
- ...some people still not happy about the change
  - Performance issue
  - Prone to human error (commit before build)
  - We are investigating on the possibility to create a wrapper command
    - Has someone already done this?

# Status

- ~3900 templates on scdb
- 20 clusters
  - 1 legacy with non standard templates
- 16 scdb users
- 1 quattor+svn server
- 1 dedicated frontend

# OSes

- ~~SLC4x is still the most used~~
- SL5x (no CERN version) is now the most used
  - Used as a base for glite 3.2 nodes
- For kernel upgrades and security fixes investigating QWG approach
  - Deployed a test version, not in production yet

# Glite

- ~~glite 3.1 is still installed most~~
- glite 3.2 is installed most
  - All Vos validated the software
  - Wnodes allows slc4 → sl5 smooth transition
- Using yaim to configure grid elements
  - This is not going to change...

# Virtualization

- KVM chosen as infn-t1 hypervisor
  - Deployment of WNODES
- Still no connection between hypervisor and VMs in template set, no clear idea if we want to do this
- CDF farm installed on quattorized VMs
- Xen phasing out

# Increasing complexity

- Even if I tried to generalize the templates as much as I could
  - Peculiar solutions appear on cdb every day
  - Very difficult to track bugs ☹️
  - Maybe this is unavoidable ☹️☹️☹️

# Problems/bugs

- Stuck on a dirperm problem affecting many nodes
  - See my email to *quattor-discussion* on 3-mar
  - Not sure what the problem is

[INFO] running component: dirperm

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[ERROR] bad owner or group (doncampana:pamela)

[INFO] configure on component dirperm executed, 1 errors, 0 warnings