

# DAQ box

# Computing Infrastructure

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# Replacement of servers out of warranty

- 2 virtualization servers Kogia-nain Kogia-pygmee.
  - Install under proxmox rather than xen
- Dellyfire (analysis-tools, data-analysis, home,...)
- Reinstallation of existing virtual servers
  - Beluga (DNS, DHCP servers), Zabbix (monitoring server), Run-control (elog server)
- Installation of new virtual server
  - Steno (Server for the automation server installations (Ansible))

# Remote Monitoring of the experiments

- Installation of RDP (x2go) on agata-visu-2
  - A short documentation has been produced for the first test users.

## Evolution of the CEPH

- Upgrade of the OSD filesystem to Bluestore (for homogenization)
  - This posed a problem that will be detailed later
- Upgrade to the latest version of Luminus, Notilus : not yet available for Debian

# Evolution of the /home assembly

- The home (prototype, analysis, ...) are no longer in local machine but mounted in nfs on agata-visu-\* and agata-analysis-\*

# Problems encountered

- An OSD server has been removed from the CEPH cluster : the RAID is down
  - This server must be sent back to DELL after check hardware, still under warranty
- The OSDs in Bluestore are much more RAM consuming
- Les RAM The RAMs have been purchased: they must be installed

# Evolution

## In progress

- Fix the 2 problems encountered above
- Instal 20 acquisition server for the new electronic card (5 server c6400)

## In the future / planned / forthcoming

- Adding a new Monitoring that will be able to monitor the switches (network speed, and others) (chekMK)
- Upgrade the CEPH version when it will be available under debian