

AGATA Hardware and Admin

- People more or less involved
 - Yann Aubert
 - Nicolas Dosme
 - Eric Legay
 - Xavier Grave
 - Pietro Molini
 - Enrico Calore
- Tasks
 - Hardware management
 - System Administration

AGATA Hardware and Admin

- 3 missions/year :
 - 3 developers with some admin skills
 - 1 system administrator
- Remote maintenance with ssh
 - Security updates
 - Repair/Help
- Local assistance at Legnaro

Hardware infrastructure

- 21 Narval nodes (1U)
- 3 Disks servers(1U)
- 1 FC SAN (100Tb)
- 1 Backup Server (10Tb)
- 5 Workstations
- Switches
- KVM switches

General network Services

- OS : Debian
- Users Directory : LDAP
- DNS/DHCP
- Remote access : ssh, vpn, firewall
- Documentation : Wiki
- Install : systemimager
- Filesystem : GPFS, NFS.
- Virtualization

Maintenance at Legnaro

- OS upgrades :
 - Computing nodes
 - Visu/analysis WS
 - Daq management
 - slow control, run-control, ...
 - Network management
 - DNS,DHCP, Wiki...
 - Sunxfire server
 - Homes, Backups
 - Disks servers

Maintenance at Legnaro

- Adding/installing new machines
- GPFS cluster enhancements
 - Adding disks
 - Adding links between rooms
 - FC not used by GPFS
- Backups
- Performances monitoring
 - New variables
 - Database transfer

Hardware recommendations

- IBM x3550
 - Most are equipped with 1 SATA 3.5
 - Some with 1 SATA 2.5
 - Some others with SAS 2.5
- Spares are SATA 3.5
- American qwerty keyboards

Conclusion

- DAQ infrastructure stable at Legnaro
- What about GSI ?