

IRFU SITE REPORT

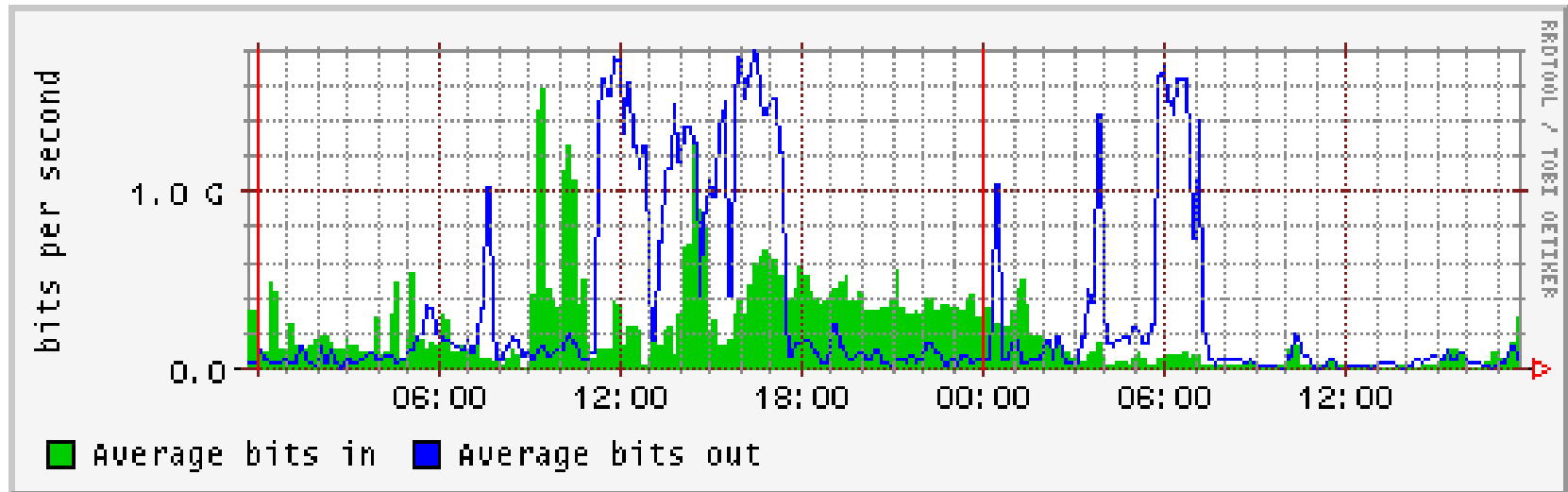
Pierrick Micout
CEA/DSM/IRFU/SEDI

WHAT'S NEW IN IRFU SACLAY SINCE 2011?

- A new Boss !
- Networking
- CC-IN2P3
- IRFU Grif sub-site
- IRFU local computing
- Windows news
- News on the infrastructure

- Joël SURGET: new head of the LIS laboratory
- Joseph LE FOLL and Pierrick MICOUT should retire in 2014
- Organization could evolve soon

- Big revolution in Saclay, RENATER (french NREN) has open a point of presence in the center!
- 10 gbit/s for the LHCOne network to Orsay!



CONVENTION WITH IN2P3

- Discussions are going to start about of the convention signed between DSM, IRFU and IN2P3 !
- Since 1993 the CC-IN2P3 is the main computing center used by the HENP community of searchers of IRFU!

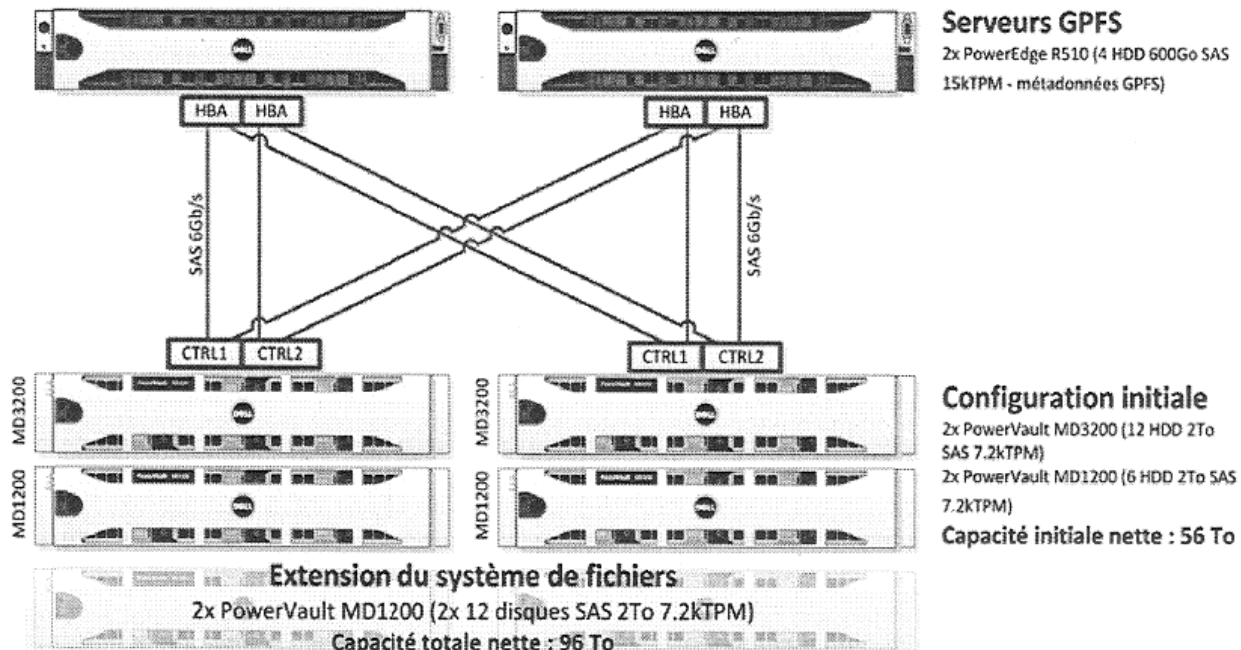


IRFU GRIF SUB SITE

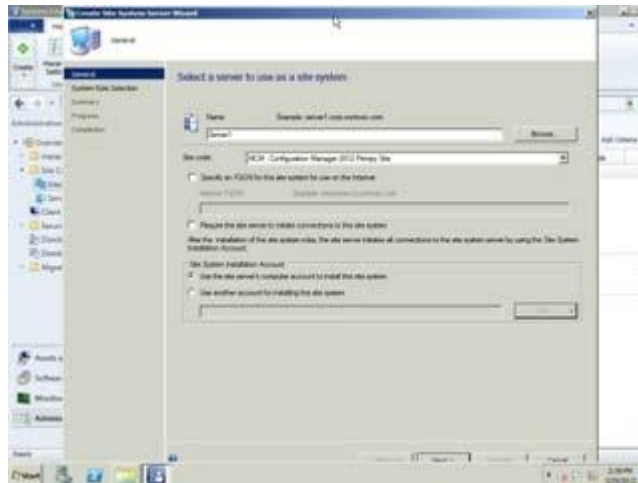
- New computing resources :
 - DELL C6220
 - 8 Intel(R) Xeon(R) CPU E5-2670 @ 2.60GHz
- New storage facilities :
 - 19 DELL PowerEdge R720xd
 - 12 disks 3TB
- New Grid service machines:
 - 6 DELL PowerEdge R720
- PerfSonar machines in production:
 - 2 PerfSonar PS

IRFU LOCAL COMPUTING

- Second phase of the IRFU Coast project
 - Extension of the HPC machines for some astrophysics projects
 - GPFS file system
 - Bull worker nodes
- Extension of the storage for HEP and nuclear physics:



- System Center Configuration Manager 2012 SP1 (cf talk during the week)
- Test on Windows 8 clients
- Windows 7 by default



- Work to improve the cooling, new equipment to be installed soon
- A new room should host water cooled racks,
- Power already installed