

CPUs, Grid Storage and Virtual Services:

WNs/UIs	Processors	Cores/Node	HS06/node	HS06/core	Tot. cores	Tot. HS06
20 * WN SL5	X5560	8	117.53	14.69	160	2350
11 * WN SL5	E5-2670	16	263	16.44	176	2893
5 * WN SL6	AMD 6272	32	241	7.53	160	1205
Tot. 36 WN					Tot. ~ 500	Tot. ~ 6450
5 * UI SL6	AMD 6272	32	241	7.53	160	1205

•Missing very old 8 * UI SL5, to be decommissioned during '14.

Systems	TB Net per System
4 * SUN x4500	16
5 * SUN x4540	35
SGI IS5500	260
NetApp E5400	260
	Tot. ~ 760

Virtual Services
Sun Grid Engine master + MySQL DB
Site BDII, dCache SRM, dCache PostgreSQL
Ganglia Web, LDAP Server , Nagios
CMS Frontier (Squid), CMS PhEDEx

About the 10 **SL6** H8DGU-F Supermicro servers got from CSCS:

- Replaced their 2*10 250GB disks with 4*10 1TB disks ; also these 4*10 1TB disks were a past precious CSCS inheritance.
- Natively these H8DGU-F couldn't make RAID10 but by using mdadm you can combine the 4 disks as you prefer ; the only limitation is about **/boot** that must to be installed on a **RAID1**; so this layout can tolerate max 1 disk failure that in real life is perfectly fine (Nagios will notice it → the Sys Admin will swap the broken disk).
- Result is a fast **but** reliable 1.7 TB /scratch

Future tasks:

- Our SUN x45XX servers got very old, both the 2 NFS servers and the 9 dCache servers, need to plan a replacement.
- Need to migrate all the WN SL5 to SL6.

