



Enabling Grids for E-science

HG-01-GRNET

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www.eu-egee.org



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- **Core Services**

- Central LCG File Catalog (LFC) for the users of the VOs:
 - eumed, hgdemo, see
- Resource Broker and Information Index (BDII) which can be accessed by the users of the VOs:
 - atlas, alice, lhcb, cms, dteam, sixt, biomed, esr, magic, compchem, see, planck, hgdemo, eumed
- Catch-All User Interface for HellasGrid
 - Registration is handled through the Hellasgrid User-Support Team

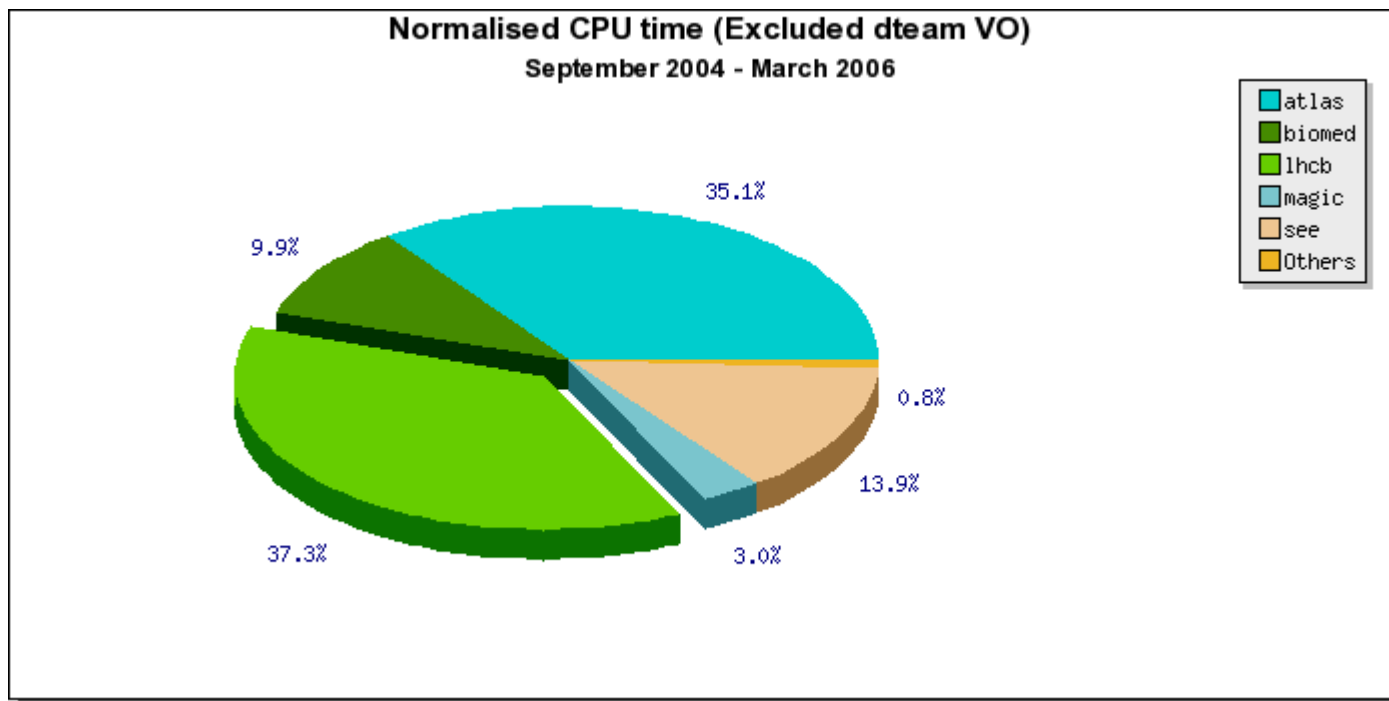
- **Certification Services for new sites (SFTs)**

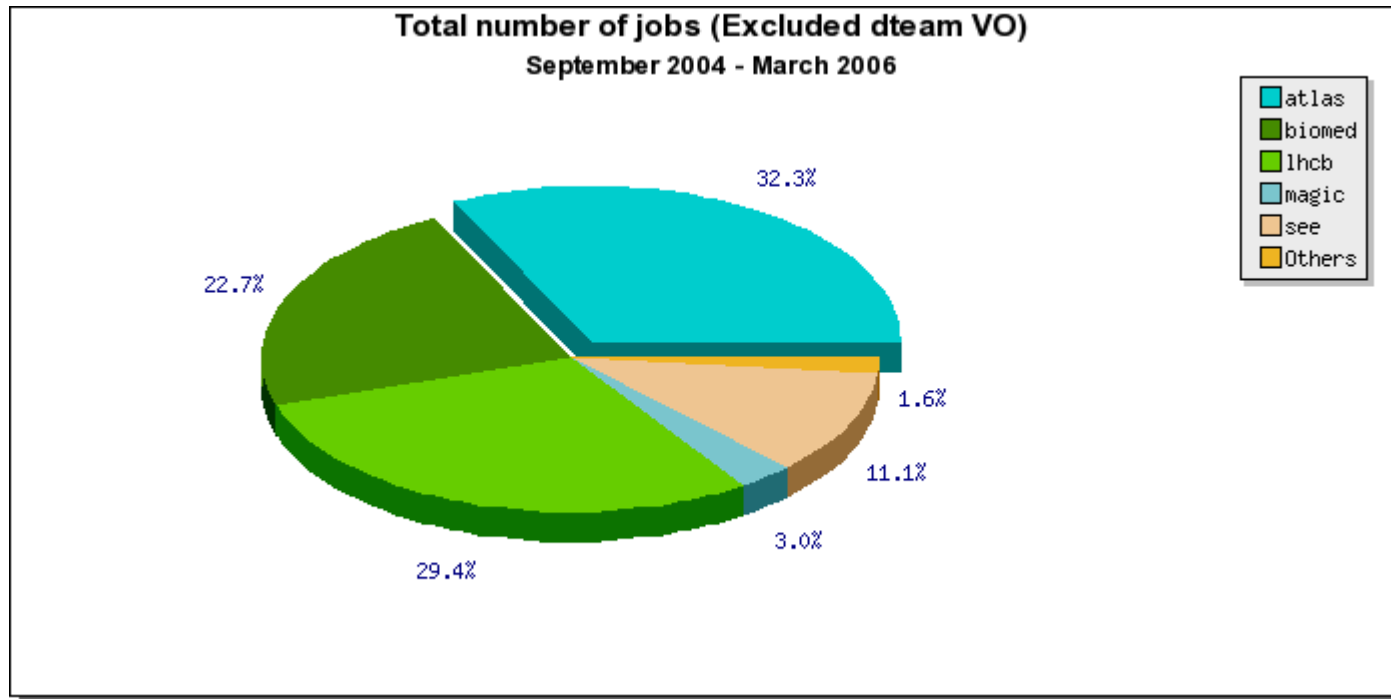
- <https://mon.isabella.grnet.gr/sft/lastreport.cgi> (Need a valid HellasGrid Certificate)

- **MRTG – Network Monitoring**
 - <https://mon.isabella.grnet.gr/mrtg/>
- **GANGLIA – Cluster Monitoring (CPU load, memory, disk, and other enviromental stuff)**
 - <https://mon.isabella.grnet.gr/ganglia/>
- **Middleware Monitoring Links Page at GOC**
 - <http://goc.grid-support.ac.uk/gridsite/monitoring/>
- **Request Tracker – Ticketing System (Node internal DB)**
 - <http://www.bestpractical.com>
- **Secure Remote Administration through encrypted layer-2 tunnels**
 - <http://openvpn.net/>
- **IBM Cluster Systems Management**
 - <http://www-03.ibm.com/servers/eserver/clusters/software/csm.html>
- **IBM NetBAY Remote Console Manager (RCM)**

- **Deliverable 2.1 “HG-01-GRNET Node Documentation and Statistics”**
 - Full hardware and software cluster documentation
 - This is constantly updated and is an extension of IBM’s documentation deliverable from the initial installation
 - Many major changes including
 - Storage partitioning
 - GPFS configuration
 - Network configuration
 - Security model enhancements
 - Middleware installation updates
 - Node statistics
- **Deliverable 2.2 “Porting and customisation needs of the region”**
 - A contribution to the UoA deliverable, focused on MPI installation and SEE-VO intergration to LCG-2.4.0

- **Hellasgrid Configuration Guide**
 - Network Configuration (IP addressing/DNS, Network Stack Configuration)
 - Mass Operating System Deployment
 - HP specific management tools for the servers and the storage
 - Storage and GPFS installation and configuration
 - Configuration files mass deployment
 - Mass command execution





- **Ginis Kyriakos**
- **Koukis Vangelis**
- **Kourtis Kornilios**
- **Verigakis Giorgos**
- **Zissimos Antonis**
- **Georgatos Fotis (ex-member)**

