Accounting Updates

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Overview

- HEPSPEC06
- R-GMA
- Storage Accounting
- Installed Capacity

HEPSPEC06

- All sites asked to benchmark their current hardware and publish
- 89 sites publishing from 21 countries
  - Gstat2 knows about 349 sites.
- Most countries only publish a few.
- Sites measuring HEPSPEC06 convert to SI2K to publish
- All APEL normalised numbers in SI2K
- CESGA Portal asked optionally to convert when displaying. (on their roadmap)
- No plans yet for a mass conversion of raw data.
- Could convert in monthly reports.

Country			Country			Country		
Australia	1	1	Hungary	2	4	Portugal	3	8
Austria	1	3	India		3	Romania	2	11
Belarus	2	3	Ireland		4	Russia	1	15
Belgium		3	Israel		3	Serbia		2
Brazil	2	6	Italy	23	54	Slovakia		5
Bulgaria		7	ITB-Indonesia	1	1	Slovenia		1
Canada	5	8	Japan	2	3	Spain	5	16
Chile		1	Korea	1	2	Sweden		4
China		3	Latvia		3	Switzerland		5
Colombia		1	Lithuania	1	6	Taiwan	1	5
Croatia		3	Macedonia		1	Thailand	1	2
Cyprus	2	2	Malaysia	2	3	The Netherlands	1	12
Czech Republic	2	2	Mexico		2	Turkey		7
Estonia		2	Morocco		1	UK	15	20
Finland		1	Norway		1	Ukraine		1
France	5	16	Pakistan		1	USA	2	36
Germany	3	19	Philippines	1	3	Vietnam		3
Greece	2	12	Poland		8		89	349

R-GMA

- New version of APEL Client which uses ActiveMQ to transfer data to central repository
  - Under certification
- New version of central server which accepts data from ActiveMQ as well as R-GMA
  - Being readied for production
- Once these two tasks are complete alternative publishers can be developed (OSG, DGAS, etc)
- Regional repositories will not be available before EGI.

Storage Accounting

- Gstat2 has developed collectors for new storage schema
- New RAL staff member started to work on storage accounting in December.
  - Will present spec to February GDB for comment
- Will harvest data from BDII so Nagios sanity checks are also relevant here
  - Check results now in gstat2
    - http://gstat-prod.cern.ch

Installed Capacity

- Installed cpu numbers known to gstat2
  - Sanity checked
- SI2K totals known to Gridview for the reliability reports
  - Sanity checked
- Online and Nearline site storage totals available to gstat2
  - Sanity checked
- Regular reports for T1 and T2 on gstat2 workplan
  - Will manually merge with cpu reports to start.
  - No dates known
- Patch for APEL client to use new normalisation value in certification
  - Will allow sites who normalise cpu in batch system to publish correct cpu capacity