

Review of WLCG Tier1 Accounting. for April and May 2007

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Summary:

I have reviewed the differences between the accounting taken from the APEL Portal and the corrections reported by the sites in their manual reports for April and May. There is a definite improvement each month. In May 8/12 sites were happy with their published APEL cpu numbers.

Summary of Tier1 Accounting Status 2007												
	AGSC	BNL	CERN	CNAF	FNAL	FZK	Lyon	NDGF	NIKHEF	PIC	RAL	Triumf
March	Yellow	Red	Yellow	Red	Red	Green	Green	Red	Yellow	Green	Green	Yellow
April	Yellow	Yellow	Yellow	Yellow	Green	Yellow	Green	Red	Yellow	Green	Green	Green
May	Yellow	Green	Green	Red	Green	Yellow	Green	Red	Green	Green	Green	Green

April:

Of the 12 sites (CERN + Tier1s) in the WLCG April Report:-

- 5 sites (FNAL, Lyon, PIC, RAL, Triumf) showed complete agreement between their local records and APEL. Actually Lyon split the APEL results into grid and non-grid. (cf 3 in March)
- 1 sites (NDGF) had no April data published in APEL cf 4 in March
- 6 sites (ASGC, BNL, CERN, CNAF, FZK, NIKHEF,) published to APEL but reported discrepancies between APEL and their local records. Cf 4 in March

Details:

- CNAF published into APEL but there were problems in formatting and communication between DGAS and APEL. They believe some data was not published but the overall effect is that APEL overestimates CNAF cpu use.. GGUS ticket raised.
- BNL see discrepancies between Gratia and APEL but also between Gratia and local Condor accounting. Under investigation. .
- FZK didn't change the published SI2K value after installing new hardware.. Understood and corrected.
- Still don't understand why ASGC are only publishing small numbers.
- CERN published at 90% level. Under investigation. Believed to be fixed in June,
- Still don't understand NIKHEF discrepancies.

May

- 8 sites (BNL, CERN, FNAL, Lyon, NIKHEF, PIC, RAL, Triumpf) showed complete agreement between APEL and their local accounts.
- 2 sites (CNAF and NDGF) had no APEL data published for May
- 2 sites (ASGC, FZK) had discrepancies between the value published in APEL and what they accounted locally.

Details

- There is CNAF data for May in APEL now. The data was deleted and republished to solve the problem mentioned above for April. It was just bad luck that this overlapped with the extraction for the WLCG report.
- ASGC had problems with messages log file which hit their APEL reporting. Looking to recover logs.
- FZK had normalisation problems in May.