



Introduction

WLCG Accounting Task Force

Meeting 09.02.2017

Julia Andreeva CERN IT

Main objectives of the task force

- The highest priority task for the Task Force is to address current issues with CPU/Wall clock accounting.
- For the CPU accounting :
 - EGI accounting portal with a dedicated WLCG view which contains all necessary information in a table and/or graph form available also through APIs. Should be bug-free and user-friendly
 - Data exposed through the portal should be correct. We should have in place an automatic data validation procedure, which would allow us to detect eventual problems with data publishing or/and processing
 - The accounting reports with an agreed content should be generated by the EGI portal. This might be possible to do on demand for any given time range with monthly granularity.
- For space accounting
 - agree with the experiments and sites on the functionality which is required for the WLCG storage space accounting system considering the use case of the high level overview of the total and available space

Status for the main objectives

- We are mostly done with the main objectives
- Still need to chase the sites which have problems in APEL accounting. The system for monitoring of the correctness of the accounting data is in place. Experiment operations and/or sites themselves need to check how they are doing and take actions
- Some more improvements were suggested in the portal, but they are not critical.
- The plan for storage accounting is drafted. It's implementation is out of scope of this working group

Storage accounting

- There are two main areas of work:
 - enable data publishing/reporting from the storage
 - enable data collection, aggregation, visualization
- The first one will be addressed in the scope of work of the WLCG Data Management Steering group
- The technical student who will start working in the WLCG Operations team in March (for a year) will work on the second task with the help of experts from the WLCG monitoring team

Can we wrap up?

- CERN accounting data in the portal is not completely validated yet
- So far we did not address accounting of the opportunistic resources (this is a subject of today meeting)
- There are some issues with HTCondor accounting which has to be followed up
- Finally, after GDB benchmarking discussion there can be serious implications on the accounting in case a positive decision regarding db12 benchmark is taken (will discuss shortly today)