

e-Infrastructure Commons monthly meeting Report for Accounting Portal

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- Assembled deliverable D3.1 "Technical Design of the New Accounting Portal". This details the development roadmap to be followed for the new Accounting Portal.
- Rebuilt Cloud database to remove erroneous Site mappings. Due to the way SSM works, a complete table refresh was needed to eliminate spurious site entries in the DB.
- Implemented new Cloud trees for Tier1 and Tier2 sites. These show the Cloud information cross-referenced with Tier1 and Tier2 topology tables.
- Backported Cloud, Tier1, Tier2 and EMI3 views into production portal. By request of the WLCG, which needs these in production as multicore metrics and accounting have recently become very important to them.

- Compiled Intermediate report metrics for WP6 activities. As requested by EGI staff, these are EGI-Engage project metrics that use VO Discipline accounting data.
- Work on Storage metrics. Metrics where assigned max, min and avg values, since their semantics are period averages, and thus cannot be just summed away like normal metrics.
- Association tables for cloud. These tables allow sites to be renamed without losing their accounting history and also sites with separate named subclusters which want to structure their accounting.
- Accounting Portal: first demo at the EGI CF 2015. The demo at Bari showed basic functionalities and the use of new web technologies in the new Accounting Portal.

- Demo of the Portal in the ATB: A teleconference demo of the Portal for users and other people that were not able to see the one in Bari, it had the same content.
- Make UserCPU import more robust and identified problems with 0,14% of the current data set. A small number of entries failed to decrypt, and the decryption script was set to fail on those circumstances. The defective entries were from small sites and 2014, so they had negligible impact.
- Work on implementation of the navigation in the New Accounting Portal. Templating and URL dispatching with Django is working now, so URLs can be more human-friendly.

- Fixed problems with custom WSGI module and Apache configuration. A custom compiled version was needed to interface with the development version of Python instead of the system default one.
- Implemented view templating and URL dispatcher in Django. The templating is crucial for code reuse and the URL dispatcher improves dramatically the URL format and decouples it from code structure.
- Fixed problems with Cross-domain AJAX XMLHttpRequest. Apache had to be set with special headers and the rewrite engine set to correctly answer to OPTIONS requests.

- Optimized XHR times. Cross-domain was sending OPTIONS requests that if not rewritten on demand would force unwanted replays.
- OLA reporting for the period May - October 2015. This is a report about the service performance like ticket response times.

- Support for historic NGIs.
- Better OSG User reporting.
- Portal rewrite January demo
- Portal rewrite new tree implementation.