

Minutes:

ALICE - Costin

Julia: Dashboard team has very good experience importing data from ALICE (GoogleEarth, WLCG transfer dashboard - xroot). Maarten announced that he is working on importing ALICE monitoring results into SAM (should be ready in few weeks).

Julia: While importing results of real experiment processing into SAM, it's important that the experiment monitoring results are meaningful to sites.

Costin: Alice dashboard exists for site issues (includes e.g. sites efficiency/overall efficiency). For the Alice site admins the information is in the ALICE dashboard.

Julia: Suggested SSB as an example that shows general overview of sites performance from the experiment perspective.

Maria: Maarten's work is focused on tests important for critical infrastructure services (meaningful for sites).

Is there an area that is completely missing in the current monitoring infrastructure ?

Costin: We miss what happens with our pilot jobs before they start running (btw. ALICE submission and execution). Usage of BDII might be helpful here.

As a conclusion one important bit of information which is missing for ALICE is state of the queues at the sites

Pedro: What are the interfaces to consume ALICE monitoring data ?

Konst: They are published by collectors on sites, client is available that can subscribe to this information.

ATLAS - Alessandra

Marian: To clarify SAM documentation slide, probes development library is used by most of the ATLAS probes, SAM/Nagios is a production and preproduction instance running at CERN (sam-atlas-prod, sam-atlas-preprod), SAM central instance is used to generate ATLAS WLCG reports and hosts API for SUM. Finally, validation framework is used to operate machines used for development of ATLAS probes.

Julia: What is missing ?

Aless: To have DDM-like dashboard for job monitoring? (Panda monitoring).

Julia: To clarify, personalized dashboard is not a special tool - just a set of instructions how to do a mashup from existing visualization tools.

Aless: It would be interesting to have pilot job submission monitoring (and HC) into SAM framework.

Eddie: There are already 2 HC tests imported into SAM.

CMS - Nicolo

Julia: The intention was to discuss tools maintained by IT/SDC/MI not to overview/evaluate all monitoring tools used by the experiments.

Nicolo: FTS2 monitor currently used to debug individual issues with transfers.

Julia: SLS and Lemon are known to be used by ATLAS, CMS and LHCb.

LHCb - Stefan

Julia: Dirac to SAM work, why we didn't re-use the work done in ATLAS ?

Stefan: Has been attempted several times, but we didn't succeed (technical issues).

Julia: We might benefit from existing HC SAM work in ATLAS

Stefan: We need to first resurrect HC. How is HC perceived in SAM ?

Eddie: It's not part of the critical profile so it can be executed/imported at any frequency.

Julia: Both ALICE and LHCb have their own site-level views. Julia suggested that SSB might become a common tool for this across experiments.

Julia: PerfSonar was not in the list, apparently all the experiments are interested in using it.

Maria: WLCG TF on PefrSonar exists where representatives from all experiments participate.

WLCG Operations Coordination - Maria

Next meeting

Julia: Next meeting in two weeks from now (19th July). For the agenda the following is proposed: presentation from the operations (assessment of the tools), Agile-MI presentation by Pedro (agreed).