

Notes on discussion WLCG Collaboration Workshop Monitoring BOF

CERN, 23<sup>rd</sup> Jan 2007 by Ian Neilson

The session was well attended with at least 60 people over-filling the room.

From memory the following significant points were raised after the Grid Services presentation I gave –

Helene Cordier: felt this was duplicating work already in the workplans of the COD development groups.

Chris Brew: wanted all the information available to his local monitoring system rather than remote dashboards

Stephen Burke: asked if there wasn't an assumption that improved monitoring would improve reliability

Notes (not minutes!) taken by Ian Neilson during the general discussion session and supplemented by James, Alessandra and Julia.

Claudio: with the layering of the WGs and analysis group VO focus are you doing anything related to infrastructure management maybe at the ROC level?

Ian Bird: There is a proposal prepared by Pablo Saiz and Diana Bosio to make the dashboard more useful to operations.

Alessandra: Such VO-sourced information is often rather transient and difficult to analyse.

?: Site fabric monitoring needs raw information to trigger alarms/action to do this requires simple access to raw data to import it.

Ricardo Brito Da Rocha: Will this cover monitoring of the VOBox?

James: In as much as if the VO can/must define the monitoring the framework should be able to treat it like another service.

Stephen Burke: What about cross-site effects between service? E.g. LFC time-outs

James: Clearly harder to handle but nevertheless need the raw data available to start with.

Paul Millar: Is there a place where all this information is being assembled.

Discussion: Yes needs to be done but don't really want yet another unmaintained twiki. The idea of having a cook-book from the Operations WG.

Alessandra: Sensor repository needs to be properly managed CVS or chaos quickly.

Miguel: Is the object to provide something to allow "drill-down" for detailed diagnosis as necessary.

All: Yes

Jeff Templon: Noted FGCS publishing grid monitoring tool information also asked if it was a requirement that the sensors were monitoring tool independent.

All: Yes, the first requirement.

Gilbert Poulard: Asked about possibility of data aggregation at different levels like cloud in Atlas.

Julia: Replied that this will be addressed in the VO dashboard following the requirements of the experiments.

?: There was also mentioned the necessity of improving of the error diagnostics since currently it is not possible to figure out what is the real reason of failure.

Julia: This is also something we will try to address in the System Analysis working group.

Gilbert Poulard: How long will all this data be kept for?

Ian N: How long is it useful, how long is it needed for you?

Gilbert: For some – accounting, forever.

Stefano Belforte: Wanted to say that some users are able/want to diagnose problems but need easy access to the data and this should not be overly restricted.