

Impact of end of EMI+EGI-SA3

- April 2013:
 - EMI project finishes
 - EGI-Inspire-SA3 finishes (mainly CERN affected)
 - EGI-Inspire continues until April 2014
 - EGI.eu continues indefinitely
- Impact on WLCG & CERN IT

Impact in IT

- Significant reduction in staff in ES and GT groups (~33% and ~45% reduction resp.)
 - No prospect of additional equivalent funding in the near future
- Re-prioritisation of functions is unavoidable

Evolution of functions

- CERN has some ongoing commitments to EGI.eu and NGIs
 - Esp since we expect EGI to support WLCG
 - These are in-line with what we need for LHC
- Must focus remaining effort where can have the most impact
 - Better in areas that benefit >1 experiment;
 - Less “labelled” staff (dedicated to experiments)
- EMI:
 - Complex infrastructure used by EMI no longer required
 - Middleware support process under active discussion with partners
 - IT responsible for DM m/w + info system – must be maintained

What IT must do

- WLCG operations, service coordination, support
 - Consolidate related efforts (daily ops, integration, deployment, problem follow-up etc)
 - Broader than just CERN – encourage other labs to participate
- Common solutions
 - Set of activities benefitting several experiments. Coordinates experiment work as well as IT-driven work. Experiments see this as strategic for the future; beneficial for long term sustainability
- Grid monitoring
 - Must be consolidated (SAM/Dashboards). Infrastructure becoming more common (also with AI mon); focus on commonalities, less on experiment-specifics
- Grid sw dev+support
 - WLCG DM tools (FTS, DPM/LFC, Coral/COOL, etc), information system; Simplification of build, packaging, etc. → open source community processes; (See WLCG doc)

What can no longer be supported

- Support for Ganga core
 - Agreed with Ganga collaboration
- POOL
 - Now only used by ATLAS; they assume responsibility
- Activities where no interest from experiments:
 - Gridview, SE-catalog sync, ... will be stopped
- Experiment-specific customisations of (e.g. dashboards, SAM tests)
 - Move to experiment teams
- Previous level of dedicated expert support to experiments unsustainable
 - Understood by ATLAS/CMS; issue for LHCb and ALICE
 - Some reduction in this effort already – but...

Notes

- There is no simple definition of "common solutions" - actually this can be part of many different activities, but a coordination of this is required, as well as available effort to work on priority projects
- Support for middleware:
 - Proposal for methodology under discussion (document) with EMI and EGI as well as within WLCG
 - Relies on on-going commitments from m/w development partners
- Encouraging broader community involvement and support where possible (e.g. WLCG Operations, middleware such as DPM, ...)

Level of staffing in IT

- To support the core activities we will have ~24 FTE from May 2013
- In addition some other staff/Fellows whose contracts have not yet ended during 2013, and involvements in other EU projects can help (e.g. in data management)