



WLCG Information System Evolution Task Force

WLCG Operations Coordination Meeting 16th July 2015

Maria Alandes

IT/SDC





Motivation

- OSG announced their plans to stop publishing information in the BDII on 18.06.2015
<https://indico.cern.ch/event/393609/contribution/6/attachments/787658/1079691/WLCGOpsCoord-OSGBDII.pdf>
 - This means the WLCG Information System will not be able to offer the whole picture any more since OSG sites will be missing
- Moreover, the WLCG Information System suffers from a series of fundamental issues tied to its architecture and implementation
 - All these have been discussed for many years.
 - Check <https://indico.cern.ch/category/4475/> for meetings and minutes discussing Information System issues since 2012



Mandate and Goals

- Short term goals
 - Fix outstanding issues in REBUS making sure it publishes correct information in a consistent way
- Long term goals
 - Identify the list of use cases we want to address
 - The list of existing use cases (at least the most relevant ones) were already presented on 18.06.2015
<https://indico.cern.ch/event/393609/contribution/5/attachments/787657/1079689/InfosysUseCases.pdf>
 - Define a new architecture that takes into account the type of information: static, mutable or dynamic
 - Confirm the list of requirements for the new Information System, making sure we address the known issues of the current system
 - Validation, persistency, flexibility, etc
 - Identify the authoritative sources of information from OSG, EGI and NDGF
 - Plan the implementation of the new system
 - Plan the transition to the new system



Members and Meetings

- Discussion already started in Infosys-discuss egroup
 - Experiment representatives
 - OSG, EGI and NDGF representatives
 - Information System experts
- Meetings will take place as needed normally on Thursdays at 16h00
 - First meeting will happen next or following week (to be decided)



<https://twiki.cern.ch/twiki/bin/view/EGEE/WLCGISEvolution>