

Minutes of Information System Task Force, 22nd September 2016

Local: Maria Alandes (chair, minutes), Maarten Litmaath, Julia Andreeva, Alessandro di Girolamo, Alexey Anisenkov.

Remote: Andrew McNab, Alessandro Paolini, Oxana Smirnova, Vincenzo Spinoso, Giuseppe Bagliesi, Stephan Lammel, George Ryall (joined the last part of the meeting).

Agenda available in Indico

<https://indico.cern.ch/event/567063/>

1. Core CRIC main functionality

Maria presents the twiki [<https://twiki.cern.ch/twiki/bin/view/EGEE/CoreCRIC>] where core CRIC main functionality is described. Maria explains that these are the main global features that have been discussed and presented many times for CRIC. The twiki will be kept up to date with the development status of each feature and pending actions to complete them. Maria suggests people to have a look at the twiki and comment. This will be the base work to start working on core CRIC. Each feature will be discussed in more detail if necessary at future meetings. People at the meeting give already some feedback that will be reflected in the twiki:

- Add experiment tag to each service (if a service is used by this or that experiment)
- Cloud/HPC resources will be entered manually and their attributes are a bit different to computing and storage resources, so it doesn't make sense to impose any attributes now for these resources and see on a case by case basis what it's needed.
- WLCG Tier and security email for each site

Action items:

- *Update the twiki to reflect the feedback given so far during the meeting. In general use the twiki as the place to describe core CRIC functionality (Maria)*

2. EGI plans on how GOCDB will replace BDII for monitoring purposes

Alessandro describes how ARGO will use GOCDB to gather topology information that is currently published by the BDII. He presents the transition plan from BDII to GOCDB and which features from GOCDB will be used (Service Endpoint field) to achieve this. Maria explains that this is very interesting for WLCG since a similar approach is intended to be used to collect GOCDB information in

CRIC (this is presented in the next section). There is a discussion on how both EGI and WLCG could work together on this to pass the same requirement to sites and benefit from the same effort. It's not clear on whether Service Endpoints in GOCDB can be linked to a set of extension attributes (key/value pairs), which would be needed by WLCG and eventually could be also an interesting feature for EGI. Maria suggests to follow this up with GOCDB developers and work together with EGI to make sure we all follow the same strategy.

Action items:

- *Contact the GOCDB developers to understand whether Service Endpoints can have associated key/value pairs (Maria) [Update: Maria already contacted the developers and confirmed this is possible. A more detailed discussion will be probably organised with GOCDB and EGI representatives to understand in detail how to use this feature and work together with EGI in the name of the extra attributes to be requested to sites]*

3. Core CRIC Information Sources

Maria presents the list of existing information sources and a proposal on how they could interact with CRIC, including details on what needs to be done in each information source to publish the information needed by CRIC. The main message is that all information sources will be supported as long as they have a client or API that CRIC could use. In this way CRIC doesn't impose any particular tool to be used by the sites and at the same time remains independent from a particular information source. This flexibility, which is lacking in the current WLCG Information System that basically relies on the BDII, is a very powerful feature to adapt to new resources or changes in the existing information sources. There are many technical details and possible implementations to address the different presented scenarios and this will be worked out with the CRIC developers.

Action items:

- *As presented in the slides, specific work in the CRIC integration with the different information sources will be worked on and progress will be reported at future IS TF meetings (Maria)*

4. Next Meeting

After some discussion it is decided to postpone any meeting after CHEP, so the next meeting will take place on 10th November to avoid clashes with Accounting TF and WLCG Ops Coord meeting.