

Virtual Sites from JRA1- 28/10/10

- Request coming from SA1 in particular for the OLAs activity to have the possibility to create virtual sites made of pieces of physical sites geographically distributed, i.e. :
 - containing all the wms within a region
 - all the ops tools
- It should be possible to calculate availability for these sites and they should be easily visible by the community. The request is to have them browsable on the gocdb if possible.
- To have them in the ATP and hence in NAGIOS and ACE it is possible using the VOfeeds mechanism. A simple development is needed in order to make the ATP to accept more VOfeeds than the actual ones (the lhc VOs) – **this can be done for the next NAGIOS update - end of November**
- Once this is in place and once the VOfeeds for virtual sites are edited the availability calculation is possible
- VOfeeds documentation is available here:
<https://twiki.cern.ch/twiki/bin/view/Main/ATPVOfEeds>
- VOfeeds are based on xml files and for the time being should be edited manually

Virtual Sites from JRA1- 28/10/10

- A more complex VO feeds editing and virtual sites browsing through GOCDB cannot be immediately developed. **A set of precise requests must be done to the development team. RAL will provide an initial document to be integrated and circulated by SA1** – once this document will be approved it will be possible to define a timeline. However the general request is to have the gocdb interface for a virtual site very similar to the one of the physical sites, maybe located on a dedicated section of the gocdb interface
- For the time being, waiting for a more complete solution using the gocdb, **VO feeds should be located somewhere – Cyril will investigate the possibility to put them on the Lavoisier web service that should already implement a container for xml files.** But the editing of VO feeds will still be manual at the beginning

Virtual Sites

- Logical Sites made of “pieces” of physical sites
 - All the WMSes within an NGI
 - All the EGI operational tools
- ATP can use VOfeeds for this → are they ready to define a virtual site without code modification?
- Provided that we have a VOfeed that defines a virtual site is ACE already able to calculate A/R for the virtual site?
- Where do we store VOfeeds? In Lavoisier?
- Can VOfeeds be created through an interface in the gocdb?
- How can the GOCDB browse a virtual sites?