

What can the CIC portal do for end users?

Tuesday, February 12, 2008 4:00 PM (0 minutes)

The CIC portal added value to the Grid infrastructure is for all the EGEE actors, whether scientist, VO or site manager, or grid operator. Every type of group has its own entry point to the portal. The information on the operational state of the grid is filtered and presented according to the usefulness for a particular group.

The tools presented to a given group are those which could be useful for it, like VO ID card updates for VO managers, EGEE broadcasts for various communities, dashboards for grid operators and so on.

For instance, any new VO can immediately, directly and simply benefit from the portal: a given VO manager defines indeed its "VO ID card" in the portal, which is the starting point for any site administrator to configure and allow VOs' access to his sites' resources.

3. Impact

Key services essential to operations in EGEE are numerous and the CIC portal is an integration platform for them. Indeed, it interfaces with operational tools like GGUS, GOCDB, gstat, the grid's information system, FCR, and SAM. Consequently, the CIC portal is in itself a key service for various grid activities.

Indeed, the range of tools and information proposed by the CIC portal over the last 3 years has allowed major improvements in daily work and procedures for various actors. The best example of this being the work of "Grid Operators on Duty" (COD) who use the CIC portal as their central operational tool. Tools and procedures established to support their work have proven to be stable and scalable, as the number of sites they have been taking care of has been multiplied by 5 in less than 3 years. Moreover, in order to ensure the High-Availability of their service, COD teams have set-up internal working groups to elaborate, namely, failover processes of the operational tools.

If demonstration is requested please explain what visual or interactive aspects of the contribution necessitate a demonstration rather than a presentation or poster?

Interaction with the demonstrators (incl. posters) will show to people:

- what operational information is available to them,
- how to access it, which are the tools, and what are the benefits,
- the procedures and workflows implemented to ease daily work on operations.

VO managers will see how to use the VO ID card -registration and information update-; Users will see what resources are actually available to them or how to register to downtime announcements affecting sites supporting their VO.

URL for further information:

<http://cic.gridops.org/>

4. Conclusions / Future plans

We intend to advertise the latest functionalities of the CIC portal available to the user community e.g. down-times announcements via subscription released late October 2007 and to collect feedback from end-users as well as VO managers. This approach will enable us to enhance the usefulness and the efficiency of the CIC portal in easing up more and more EGEE operations at a global level and thus making the production grid infrastructure more and more reliable.

Provide a set of generic keywords that define your contribution (e.g. Data Management, Workflows, High Energy Physics)

EGEE operations, sites monitoring dashboards, VO configuration at sites, VO resources assessment.

1. Short overview

The CIC Portal, or Operations Portal, is meant to be useful to any user of the grid, namely to VOs. Information about existing VOs, including requirements, resources and services is made available. Also, grid wide communication tools are there to ease up operations and broadcasting important information in a transversal way to the different communities involved in EGEE operations. The demo will show how to access and use all this, will address questions and record feedback from the attendance.

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