Grid Engine Scientific Sites (GESS) Initiative

philippe.olivero@cc.in2p3.fr

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Overview

o **Reminder**

o **Goals**

o **Actions done and to be done**

o **First <early> assessment**

o **Related Links**

Reminder

o **At CC-IN2P3, Users migration to GE from 2011 April (30%) to 2011 Dec 6th (100%)**

o **Oracle Support since June 2011**

o **Our idea : To organize a collaboration between sites using Grid Engine**

   (not only HEP , but Scientific Sites)

o **At an operational/management level, and not at a technical level**

o **Contacts at CC-In2p3 : Rolf.rumler@cc.in2p3.fr and philippe.olivero@cc.in2p3.fr**

o **GE in our HEP community (not exhaustive)**

   o **Oracle GE :**   **only CC**

   o **Univa GE:**   **Desy, Kit, PDSF, GSI, Cesga + some small sites**

   o **Son Of GE :**   **1 site (known)**

   o **SGE**   **5 sites**

Goals of that initiative

o **Sites configurations choosen to cope with CPU distributions among**

  users, groups, sub-groups, fair-share and job types

o **Inventory of GE lack of functionalities…..**

o **… for a common prioritised request list from sites for providers**

o **Exchange custom developped tools to make operation easier**

o **Discussions about GE installations (servers), and options (Berk. DB, NFS, Arco, …)**

o **…**

Actions done and to be done

o **Done by CC-IN2P3 (RR & PhO) :**

- o **First call to collaborate (to known site contacts, Hepix-list, Sysgrid aliases)**

- o **Creation of a listserv-list : GESS-L and subscription of interested answers**

- o **Creation of a first wiki page with summary of answers given by site contacts**

  (cluster size, GE provider, Version, supported tools, comments, ..)

o **In progress by CC-IN2P3**

- o **Add first exemples of requests made to Oracle by CC-In2p3**

- o **Invite to a first F2F meeting during next Hepix at prague (at least hep sites)**

o **To be done by collaboration,**

- o **First discussion about collaboration : How ? Why ? Who ? New ideas, needs**

- o **Common actions toward providers, if accepted**

- o **Initiate a long term self organisation**

First <early> assessment

o Interest has been declared by contacts, …..

o … but no propositions received yet

o about 20 subscribers to the list

o no feed back about first actions, and information page

o We have to wait for first F2F meeting to know if this initiative will get a future

Related links

o **GESS-L Mailing List Subscriber's Corner :**

    o **http://listserv.in2p3.fr/archives/gess-l.html**

o **Temporary Wiki of Registered Sites and clusters configurations**

    o **https://forge.in2p3.fr/projects/gess/wiki**

o **Already existing technical GE forum (independent from this initiative)**

    o **http://gridengine.org/blog/ users@gridengine.org**