eGee

Enabling Grids for E-sciencE

OPERATIONS PROCEDURE

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Information Society

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- **SITES STATUS**

- **SCHEDULED DOWNTIMES**

- **DOCUMENT UNDER CONSTRUCTION**

@ the following url :

  http://egee.in2p3.fr/tmpdocs/opMan_2005_09_08-2.rtf

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- ROC can register this site in the GOC DB under the status "candidate".
- Its global monitoring within GOC DB is then set to "off".
- When the site is established, the ROC switches the site status to "uncertified".
- When the "site form" within the GOCDB is completed and when ROC's specific tests set or the local SFT instance is ok for a week in a row -either way, the site gets its status changed to "certified" by its own ROC.
- When a site is registered as "certified" in the GOC DB, it gets into production and no rollout announcement is necessary. The monitoring of its nodes must be mandatorily switched on. It gets automatically registered in the top-level bdii and in the Freedom of Choice for Resources tool, to which VOs can refer to in order to build their own specific bdii instance.

- The last optional status is "suspended". The site gets out of the top-level bdii and its monitoring is turned off. It is then actually "out of the grid". This status has to be cautiously used by ROCs, as this status is specific to sites for which tickets have been raised and not solved on time, i.e. it is the last "escalation step".
- CIC-on-duty operators may also "suspend" a site without going through all the steps of the escalation procedure. For example, if a security hazard occurs, CIC-on-duty people must "suspend" a site on the spot in case of such an emergency.
- Consequently, for the normal course of operations, when a ROC needs to take one of its sites out of production, it should go through the "site downtime scheduling" procedure described below. An instance when a ROC might want to use the status "suspended" would be when one of its sites has to be permanently or definitely taken out of production.
- NOTA: When a site modifies any field of its "site form" within the GOC DB, its ROC shall get a notification mail.

Scheduled downtimes proposal

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When a site needs to switch off for upgrade, then the site should specify the appropriate downtime beforehand for the nodes involved. Instructions in such a case are:

- Set downtime period in GOC DB and tick off "monitoring" for the affected nodes .
- Announce the downtime through the EGEE broadcast tool to *and only to* all VO managers.
- "GlueCEStateStatus: Closed"

- For all case of downtimes, it is strongly advised to the site to switch its monitoring back on, at least a day before the downtime deadline. Especially for upgrade downtimes, its ROC will then be notified and SFT2 tests will be run in advance. Indeed, this lightweight procedure will avoid a heavier and time-consuming re-certification procedure for sites and ROCs.
- *E-mails notifications for ROCs will be enabled at the same time so that when a "site form" in the GOC GB undergoes any type of changes, ROCs get notified.*

- Currently the GOC-DB handles sites that are not committed to EGEE, but are considered dependant from CERN–CIC as far as LCG/EGGE operations are concerned - CERN-CIC acts then as a catch-all ROC for non-EGEE sites.
- Phone contacts for ROC managers are available within the GOC DB and also from the CIC website.

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