



Enabling Grids for E-scienceE

Pole 3 : COD Tools

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- **Failover of Grid Ops Tool and core services**
 - Former “Core services High Availability WG”
 - Former “Failover of COD tools WG”
- **Improvements of COD Tools**
 - Former “Tools improvement for COD WG”
 - Former “CIC portal integration WG”
- **Integration of tools into the EGI Model**

- **GOCDB:**
 - DB updated every hour at CNAF with Materialized Views (available for Read-Only)
 - ITWM-DE web available on <https://goc2.gridops.org> there are still 2 parameters to fix, but in case we cannot do it in time we can show the results pointing backup GOCDB to: <https://gabe.gocdb.eu> (RAL TEST) which also points to CNAF DB
 - performance problem still to investigate: page load is too slow
 - problems on the DB? indexes?
 - network distance between Web and DB?
 - TODO: prepare and test the direct access to the DB for the other Operation Tools
- **CIC portal, SAM ADMIN, GSTAT:**
 - reinstallation needed for all 3 tools because:
 - OS/apache upgrade
 - glite upgrade (SAM ADMIN)
 - work started on SAM ADMIN, because glite upgrade is urgent on UI and BDII

- **Collect and implement improvements to tools offered or used by COD Team and makes sure that all needs are satisfied**
- **Ensure that improvements are done**
- **Collect, analyze and present suggestions to COD (discussion on feasibility, impact to other areas etc.)**
 - Some inputs have been recorded since COD 16 for the dashboard . The work is on going .

- **Objectives :**

- Short terms :

- Evolution towards N regional instances + 1 specifically dedicated for C-COD. Incl Alarm weighing mechanism.

=> Partially done . The dashboard is still working with SAM alarms .
(details on the next slide and on the specific presentation about
Operations portal)

- **Objectives defined by OAT :**
 - Each site will work with a monitoring instance based on Nagios
 - ROC (NGI) will have regional instances of Nagios .
 - As defined in the previous slide , the dashboard doesn't work currently with Nagios alerts , we have to investigate on this part.
 - The OAT is studying consequently a Regional Database of alerts raised by Nagios .
 - A discussion is also based on the “Central” services offered by region .

 - In fact the monitoring part is partially already in place but there is still some questions about related procedures
 - Are the monitoring model and the operational model defined by Marcin and Hélène compatible ?

Actions	Status
<p>Improvements of Handover form</p> <p>Creation of regional dashboards</p> <p>Failover procedure for GOCDB</p> <p>Failover for CIC DB</p> <p>Study mechanism of replication/failover for LCF , VOMS ,BDI</p>	<p>On going</p> <p>Prototype</p> <p>Partially Done</p> <p>Not done</p> <p>Kai ??</p>