

EGI Operations report

Peter Solagna – EGI.eu

GDB – 16/01/12



- Unsupported middleware upgrade campaign (update)
- Security suspension list
- Survey on configuration management tools

GDB 12 Dec

GDB 16 Jan

Services involved

- Excluding DPM, LFC, WN

82

26

Number of sites deploying unsupported middleware

- Excluding DPM,LFC,WN tickets

44

15

- DPM, LFC and WN alarms are handled on the operations dashboard
 - More difficult to track everything and generate global statistics:
 - DPM: [32](#)
 - LFC: [2](#)
 - WN: alarms are raised vs CEs, but there could be many CEs pointing to the same cluster ([92](#))
 - NGIs are following the issues with their sites from the beginning, and unresolved issues will escalate centrally in any case
- DPM, LFC and WN not upgraded must be in downtime starting from February

- *AKA: “Central users banning”*
- EGI Security policy group *proposed* an extension of the current “**Service operation security policy**”: “You must implement automated procedures to download the security emergency suspension lists defined centrally by Security Operations and should take appropriate actions based on these lists, to be effective within the specified time period.”
- What are the operational implications of this requirement?
 - Services to be deployed
 - Effort to maintain them

- EGI Security is preparing a summary document for EGI OMB to describe the possible implementation of the security suspension list
 - ARGUS is currently the only available solution
 - Sites deploying gLExec are (likely) already deploying ARGUS or will deploy it
 - Are there alternatives to a site-level ARGUS for smaller non WLCG sites?
 - NGI-level instance to be queried by the CEs and SEs of the small sites
 - Publish also the list of suspended user as a plain text to be used by non Argus-enabled services?
- There were preliminary discussions with WLCG security to use the CERN's central ARGUS instance to contain also the EGI suspended users
 - The only supported use case for central banning is security incident handling

- The support of YAIM-core after the end of EMI is under discussion
 - Product teams may decide to move to their own configuration files & scripts
- Several sites are already using various configuration management tools
 - In the future they may rely more heavily on them, if *site-info.def* will disappear
- A survey will be circulated among sites to understand which are the most popular solutions for the EGI sites

Main questions:

- What are the tools used in the site (or evaluated)?
 - E.g. Quattor, puppet, Chef, etc..
- Is the site manager using specific modules for grid middleware? Are the modules developed by site staff, NGI or other partners?
- Open questions to collect feedback about their experience with the tools

Survey outcome:

- Collect and share sites/NGIs best practices and developments

Questions?