Core service performance report [May - August 2016]
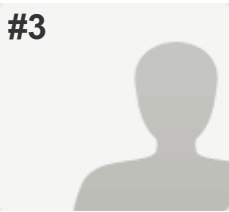
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PAGE 1: Report on performance of the service

Q1: Service

Service registry (GOCDB)

Q2: The reporting person:

Name

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Q3: EFFORT(Please provide effort (PM) spent by each partner (separately) during the whole reporting period.)

2PMs (EGI core operations phase 2)

Q4: GENERAL OVERVIEW OF ACTIVITY IN THE PERIOD(Short prose overview of what happened in the period. Things went well? There were problems but they were addressed? There were significant problems that persist and must be dealt with?)

• No major issues
• V5.7 announced to WP3/EGI-Operations for early internal testing (09/08/2016):
• https://wiki.egi.eu/wiki/GOCDB/notifications#v5.7
• v5.7 introduces optional cursor based paging on most GOCDB API methods, i.e. changes which will require acceptance by all dependent PTs/WP3 first. Ongoing.
• New developer brought up to speed and now making progress on v5.8 write API, details: https://wiki.egi.eu/wiki/GOCDB/Write_API_Development
• Project administration: report writing, documentation, operational meetings, stakeholder meetings (in particular with WLCG InfoSys task force regarding future evolution of their information system).
• Daily systems/service administration.

Q5: ISSUES ARISING IN THE PERIOD(Explain issues, such as OLA violations or other problems in performance. Also consider other events that may not lead to violations, such as planned downtime, or problems in services there is a dependency on.)

no major issues, all OLA targets met as per reports.

Q6: MITIGATION ACTIONS PLANNED (Explain action planned to mitigate issues in this period.)

n/a

Q7: **FORESEEN ACTIVITIES AND CHANGES (Note upcoming activities or changes impacting the service and OLA that are the subject of this report. For instance planned ending or renegotiation of the agreement or planned major upgrades to the service, new activities.)**

Two activities are foreseen that need reporting:

a) V5.7 will introduce some updates to the GOCDB API; enforced cursor-paging on the majority of API methods (see: https://wiki.egi.eu/wiki/GOCDB/notifications#v5.7). This will affect all PTs that depend on GOCDB. Mitigation options include:
• Widespread notification and a prolonged testing period for the proposed changes.
• Delay the production release until overall acceptance is achieved.

b) There has been increasing interest by key EGI stakeholders to extend the role of GOCDB within the information-service space. For example, requirements have emerged from WLCG (and previously from EUDAT) to provide a write-API to upload and mange semi-dynamic service attributes (scheduled for the v5.8 release, testing to begin mid/end Sept). In addition, the EGI monitoring team have proposed a migration of service-monitoring attributes and URLs from BDII into GOCDB in order to provide a single information service for monitoring. Changes such as these could move GOCDB more into the information-service space and will further promote the apparent emerging trend of reducing overall dependency on the BDII. These developments are therefore regarding as strategic and should be carefully managed to ensure GOCDB stays aligned with both EGI and our key stakeholder communities.