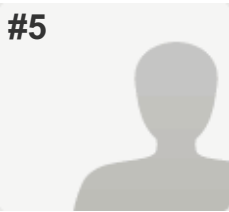


#5



**COMPLETE**

**Collector:** Web Link 1 (Web Link)  
**Started:** Tuesday, January 17, 2017 11:09:01 AM  
**Last Modified:** Tuesday, January 17, 2017 11:15:04 AM  
**Time Spent:** 00:06:03  
**IP Address:** 148.79.164.144

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PAGE 1: Report on performance of the service

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**Q1: Service**

Service registry (GOCDB)

**Q2: The reporting person:**

Name	David Meredith
E-mail	david.meredith@stfc.ac.uk

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

2 PMs for ops support.

**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 released to production (09/08/2016), includes: optional cursor based paging on most GOCDB API methods, write API for managing custom properties, new attributes added for ARGO monitoring. Full details: <https://wiki.egi.eu/wiki/GOCDB/notifications#v5.7>
- 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.
- Managing new service types and on the GLUE2 SE type list.

**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.  
Services were delivered according to agreements.  
Availability (target 99%): Sept 100%, Oct 99.97%, Nov 99.61%, Dec 100%.  
Reliability (target 99%): Sept 100%, Oct 99.97%, Nov 99.76%, Dec 100%.

The cursor paging introduced with release v5.7 is not as performant in production compared to that experienced during testing. This is due to the high concurrency/load of the production DB and the fact that extra DB constraints/locks are required to execute a paged query. Nevertheless, the offset paging works and is still suitable for production use as intended as an optional fall-back for iterating massive result-sets that would otherwise exceed memory/execution-time limits.

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

na

**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.)**

The GOCDB development roadmap requires review and re-prioritising. An OTAG will be requested in the next WP3 meeting to be scheduled in the 1st quarter of 2017.

Take up of the WriteAPI by WLCG has been slow, but is beginning to occur as was recently reported in the WLCG InfoSys TF (Jan 2017). We will need to closely monitor the extra loading and additional requirements.

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