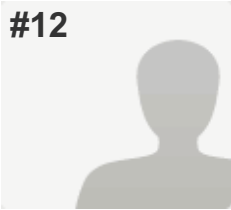


#12



COMPLETE

Collector: Web Link 1 (Web Link)
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PAGE 1: Report on performance of the service

Q1: Service

Application DB (virtual appliances and applications library)

Q2: The reporting person:

Name Kostas Koumantaros
E-mail kkoum@grnet.gr

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

GRNET 3 PM

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?)

In principal there were no significant operational issues during the reporting period (Sept/2016 - Dec/2016). The minor problems occurred where addressed in a very short term, approximately in the next business day.

With regards to the most remarkable activities realized during the aforementioned period:

- Actively participate in the Digital Infrastructures for Research 2016 event, Krakow, Poland
- Full integration with the EGI AAI Checkin service. The integration consists of all AppDB sub-services, including: the AppDB portal, the Vmcaster component, the AppDB wiki and the VMOPs
- Developments with regards to the VMOPs:
 - * basic VM & topology functions have been finalized. More specific the basic functions include: deploy/undeploy Topologies, start/stop either topologies or individual VMs within topologies
 - * VM monitoring and logging components are in place
- Extend the Integration with the GOCDB and the ARGO services, in order the AppDB to offer service downtime and status information, respectively, for the OCCI-enabled sites
- Database:
 - * Upgrade to the PostgreSQL 9.6
 - * in order to reduce latency and increase user connectivity parallelism, pgpool-II has been deployed on connection-pooling mode
- several improvements and bug fixes

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.)

On 26-Sep-16 there was an unexpected power cut (>6h long) with an impact to the entire University campus. That event caused us to go with an unscheduled downtime, but the services where back online within the same day.

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

No Mitigation actions required.

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.)

This period, the developments are mainly focused on the VMOps sub-service, hence we are heavily working on preparing the service for the upcoming EGI Conference on May in Catania, Italy.

The main topics that should be addressed until May, are:

- Finalize the first stage of VMOps contextualization capabilities
 - Integrate the AppDB portal with VMOps subservice
 - Assist on problem identification of the EGI Cloud infrastructure (mainly on the OCCl interface of the sites)
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