

SNIC-UPPMAX board meeting 11.06.2015

Anastasia Kruchinina

Abstract

Stop support of Gulo and Lynx UPPMAX storage systems soon, moving to Pica UPPMAX storage system. UPPMAX leading SNIC cloud computing project.

Report:

1. *UPPMAX systems*

Tintin: work on changing disks.

New cluster Rackham (successor of Tintin): it is not yet decided about hardware and software resources.

Storage systems:

Pica: near 50% of resources is used.

Gulo had problems during spring. The plan is to move to Pica, the plan is to stop the support of Gulo in October 2016.

Lynx will be stopped at the end of November 2015.

2. *SNIC-Sens: High-performance computing resources for analyzing sensitive data in Sweden*

There were a security check of all platforms. Started cooperation with HP.

3. *Cloud computing in UPPMAX*

Discussed SNIC(Swedish National Infrastructure for Computing) cloud computing project (OpenStack-based national level IaaS) and strategies for cloud computing at UPPMAX. The decision was that the UPPMAX should lead the SNIC cloud computing project. The additional financial support will be asked from SNIC. Now UPPMAX has a cloud computing system called SMOG and temporary it works at test regime. The cloud computing project leader will be Andreas Hellander, IT.

4. *Gender equality*

Discussed importance of the gender equality between UPPMAX personnel and the long-term work on that.

SNIC-UPPMAX board meeting 27.04.2015

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Abstract

New project SNIC-Sens for analyzing sensitive data in Sweden. Tintin will be decommissioned in Spring 2016. Rackham will be successor of Tintin.

Report:

1. The partition of the financial support for UPPMAX (electricity and cooling) between TekNat and MedFarm for the following year will be the following: TekNat(2/3), MedFarm(1/3).
2. SNIC has a contract for financing from Swedish Research Council till 2018. Will be discussed more in the future meetings.
3. *SNIC-Sens: High-performance computing resources for analyzing sensitive data in Sweden*
The project is funded by Swedish Research Council and the Council for Research Infrastructures, the project started 2015-04-01. The purpose of the system is handling large amounts of data for research, covering production and scientific needs. The priority is high security of the data, so the hardware and software satisfy high safety requirements. Users of the system are able to work with sensitive personal data, for example to analyze data from human whole genome next-generation sequencing.
4. *UPPMAX system* Tintin will retire in Spring 2016. Instead we will have a new cluster called Rackham. Tintin will be supported while Rackham is not ready.
5. *UPPNEX (UPPmax NEXt generation sequencing Cluster and Storage)*
UPPNEX is formally a subproject of UPPMAX. It provides computing and storage resources for bioinformatics applications. On the meeting was discussed the partition of the financial support for UPPNEX between UPPMAX and BILS. More information and discussions come in future meetings.
6. *Organization of UPPMAX application experts 2015*
The application expert Marcus Holm, IT will be a coordinator of application experts starting from October 2015. He will lead the application experts group, be responsible for SNIC training and be part of SNAC Working Group (Swedish National Allocations Committee), which is responsible for practical issues regarding the allocation process.

7. Posed question: Should we extend/continue prioritize the applications in material physics or add funding in a different area? The decision will be made in future meetings.