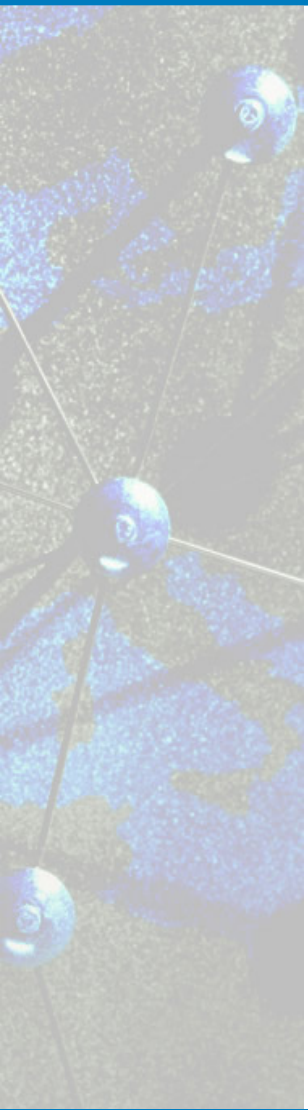


# KTH-CLOUD

Resource Provider at EGI-  
Federated Cloud Task force



PDC Center for  
High Performance Computing



# Where and What ?

## Hardware:

- AMD 384 cores with 768 GB RAM
- 20 TB as NAS
- 1Gbps Ethernet
- Low latency Infiniband network



**PDC Center for  
High Performance Computing**

## Software:

- Currently Opennebula
- OpenStack *in transition*

## VM Mangement

- OCCI 1.1. via rOCCI server [egi.cloud.pdc.kth.se](http://egi.cloud.pdc.kth.se) with support of x.509 based authn

## Accounting

- via ossm/apel

## InfoSys :

- via bdii on [bdii.cloud.pdc.kth.se](http://bdii.cloud.pdc.kth.se)

## VOMS federation with ssh keys contextualization

**2009**

First cloud deployment with Eucalyptus

**Sept  
2010**

Part of EGI Fed cloud Task force .

**2010 ..**

Provided services for several Nordic/European cloud projects like Venus-C , NEON, SNIC-Cloud and etc.

- Dedicated research group for Data-intensive computing
  - Spark, Hadoop ..
  - iRods
  - Image analysis
- Specialized in Domains of
  - Life sciences\*
  - Health sciences\*

\* <https://documents.egi.eu/public/ShowDocument?docid=1514>

- Support for :
  - Galaxy <http://galaxyproject.org/>
- Central PDC service desk

*Basically we love to go extra mile with our users 😊*

# Questions ?

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