

Report on the experience of hosting and operating DIRAC 4 EGI pilot instance

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An instance of DIRAC, hosted by CYFRONET and the Polish NGI, has been set up early 2014 as a pilot for many user communities within EGI. From an operational point of view, this pilot instance allows to implement and test at a large scale a collaborative operations model involving NGIs, user communities and DIRAC developers, which is largely based on previous experiences of multi-disciplinary DIRAC instances, such as the one operated by the French NGI France Grilles.

The presentation will report on the first months of operating this service, both from a technical and organisational point of view. It will present the setup and architecture of the service, as well as the different procedures put in place to operate and monitor it.

Wider impact and conclusions

Service architecture, and operations model used during the first months of operations, will be key to build a concrete roadmap towards H2020 and the operational sustainability of the service.

URL(s) for further info

<https://indico.egi.eu/indico/categoryDisplay.py?categId=119>

Description of work

Work done includes setting up the service from a technical point of view (servers, services, certificates, network etc.), organising teams of operators to run the service, monitor it and provide basic support, and proposing plans and procedures for the long term operation of the service as well as high availability concerns.

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