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Feedback on integration to the EGI Federated Cloud

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The High-Performance Computing Center[1] of the University of Lille provides since several years access to a Cloud Computing facility based on OpenStack. Like the Cloud Computing service hosted at IN2P3-IRES[2], it is member of FG-Cloud[3], the French NGI federated Cloud, and has planned to join the French Bioinformatics Institute Cloud[4], biosphere.

In addition, this Cloud infrastructure is currently being integrated to the EGI Federated Cloud[5]. It will be the second French site to join this federation.

In a first part, this talk will detailed the Cloud Computing infrastructure of the University of Lille. It will also cover the steps required to join the France Grilles Cloud.

In a second part, the integration to the EGI federated Cloud will be detailed. It will be a real sharing of experience, useful for any site admin that want to join the EGI Cloud Infrastructure.

To conclude, some scientific use-cases based on the usage of this Cloud will be presented.

1. http://hpc.univ-lille.fr/
2. https://grand-est.fr
3. http://www.france-grilles.fr/catalogue-de-services/fg-cloud/
4. https://biosphere.france-bioinformatique.fr/
5. https://www.egi.eu/federation/egi-federated-cloud/

Type of abstract

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