

The EGI Federated Cloud, a production IaaS infrastructure for the ERA

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Since its inception the EGI Federated cloud has been working towards a point where the resources of its providers are available in an open manner, of a production quality that can be relied upon, to members of all communities that wish to use cloud computing resources but on services that are not necessary from the large multinational providers. The reasons for this are many and varied. As the federation is therefore made up of smaller providers the service that we offer must include mechanisms where the user can easily migrate from one service provider to another, a feature definitely not available in public cloud currently. To enable this we must use documented interfaces, preferable open standards but not all necessarily so to encourage adoption. The EGI Fedcloud has come of age and as such this presentation will describe its gestation, growing pains and its future career.

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