The EGI Applications on Demand service (AoDs) is the EGI response to the needs of the large number of individual researchers, small laboratories and their IT support staff who do not have access to dedicated computational resources, storage and data services, and scientific applications that are able to scale out to these resources.

What does the EGI Applications on Demand service offer?

1. **Scientific applications** that are offered ‘as services’ through online graphical environments
2. **Science gateways** and **Virtual Research Environments** that offer integrated development environments to port custom applications with High throughput computing and cloud resources
3. **Cloud** and **High-throughput compute** resources suited for both compute/data intensive applications and for the hosting of scientific services
4. **Online Storage** resources for storing scientific data that serve as input and output for computational jobs
5. A network of **Consultants** and supporters who can provide guidance on the use of the service

Benefits

1. **Researchers** can access scientific applications underpinned by high-capacity compute and storage servers, to carry out compute and data-intensive simulations.
2. **Developers** can integrate custom applications into the service and offer them as ‘scalable, online services’ for researchers and scientists worldwide.
3. **Providers** of compute and storage services can share their clusters and clouds to serve ‘the long tail of science’.

How to access the service?

1. Register with Facebook, Google or EGI account
2. Setup profile and submit capacity request
3. Access applications and services online

Default allocation: 10TB of on-line storage and 1000 CPUh

Applications integrated so far

How to get involved as provider?

1. Join as Application provider
2. Integrate new scientific applications in the available VREs/Science Gateways
3. Join as VRE/Science Gateway provider
4. Join as HTC cluster or cloud provider
5. Become member of the User Support team

Further information

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