

Globus Online for EGI Virtual Organizations

Thursday, 19 September 2013 09:00 (3 hours)

Description of Work

EGLeu User Community Support Team in consultation with representatives of EGI Operations, storage technology and information system developer groups prepared Globus Online cookbook for EGI VOs.

The cookbook consists of two parts:

1. The first part provides step-by-step instructions for VO Managers on how to register SRM storage services in Globus Online in such a way, that these appear as transfer endpoints for VO members. This registration could be performed by any member of a VO, however for most VOs the VO Manager is the most suitable person to complete this step because the VO Manager has sufficient knowledge on storage sites that support the VO and about the BDII information system where detailed information about the storages is recorded.
1. The second part provides step-by-step instructions for VO members on how to use VO storage endpoints in Globus Online. This part is relevant for any member of any EGI VO. The list of EGI VOs and information on joining these VOs is available at <http://operations-portal.egi.eu/vo>.

Relevant URL (if any)

https://wiki.egi.eu/wiki/Globus_Online_cookbook_for_EGI_VOs

Printable Summary

Globus Online provides robust and easy to use file transfer and sharing capabilities for e-scientists. The service manages file transfers, monitoring performance, retrying failures, auto-tuning and recovering from faults automatically where possible. EGI continues to collaborate with Globus Online in Europe to provide new features required by EGI communities and integrate new services such as sharing which allows collaborators in a virtual organization (VO) to share files directly from their own storage systems, without requiring external cloud storage. The service is available for users of EGI through a customized portal front-end (<http://www.globusonline.eu>). To facilitate the uptake of the service, a 'Globus Online cookbook' has been prepared for VOs. This describes how 'SRM type' storage services can be used as endpoints of file transfers managed by Globus Online. During the demonstration the benefits of the Globus Online service for EGI will be shown following the cookbook.

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