

# Globus Technology Training

*Friday, 23 May 2014 11:00 (1h 30m)*

The goal of this contribution is to give scientific end-users users and administrators of e-Infrastructures a hands-on experience with the Globus Toolkit and Globus Online services (GO) for reliable, high-performance, and secure file transfer (<http://www.globusonline.eu>). Data sharing will also be demonstrated. Moreover, the workshop shows the benefit and usage of preconfigured Globus Appliances.

At the end of the training, the participants are expected to be able to manage their own endpoints with Globus Online, to submit, monitor their data transfers, and share them with other users.

## Wider impact and conclusions

Upon completion of the training, we anticipate the following impact, on the target categories of participants:

- end-users: manage their data in friendly, reliable, secure, high-performance manner
- e-Infrastructure site administrators: understand how grid resources could be published for usage with Globus Online
- application developers: get some insights on how applications can be enabled to work with the Globus Online service

## URL(s) for further info

<http://www.egcf.eu>

<https://indico.egi.eu/indico/getFile.py/access?contribId=225&sessionId=24&resId=0&materialId=slides&confId=1222>

## Description of work

The goal of this contribution is to give scientific end-users users and administrators of e-Infrastructures a hands-on experience with the Globus Online service (GO) for reliable, high-performance, and secure file transfer (<http://www.globusonline.eu>). New features will also be demonstrated. At the end of the training, the participants are expected to be able to manage their own endpoints with Globus Online, to submit and monitor their data transfers, and to share the data with other users.

The training contains: presentations, short demos, and hands-on exercises. The session is organized around the following topics: - getting a GO account; - managing identities (e.g. based on X.509 certificates); - managing private endpoints; - Globus Connect –your gate to Globus Online transfers from your laptop; - using GO to transfer data between endpoints (e.g. grid systems, participant's laptop); - data sharing with GO; - using the IGE GO Clients. The participants are expected to have their own grid certificate. If necessary, temporary training certificates will be allocated to participants upon request.

Moreover, the workshop shows the benefit and usage of preconfigured Globus Appliances.

**Primary author:** Dr MUNTEAN, Ioan (UTC)

**Co-author:** HOFMANN, Matthias (TU Dortmund)

**Presenters:** Dr MUNTEAN, Ioan (UTC); HOFMANN, Matthias (TU Dortmund)

**Session Classification:** Globus Technology Training