

Consortium GARR Grouper Project Page

GARR, within [this reasearch activity](#) within the Géant Project, is doing **research activity** to use Grouper as an **authorization tool** for **multiple Virtual Organizations**.

The general idea of this research is to extend federated identities from the management of user authentication to include also **authorization**.

To support these activities, Grouper has been embraced as a central solution for managing user groups and attributes. Grouper has been used to manage in a centralized way (yet eventually permitting delegation):

- Groups of users
- Authorization attributes for users

This experience, in particular, proved the general scenario for federated authentication and has aimed at integrating three applications into Grouper by externalizing their authorization policy representation:

- **MediaWiki**, being representative for a wiki application
- **Moodle**, being representative for a LMS system
- a **custom application**, called GARRbox.

[See presentation from 2014 Technology Exchange.](#)

[See a short abstract about the research activities realized.](#)

The PoC is available, only to authorized users, here:

- Grouper: <https://grouper.idem.garr.it/grouper>
- SPs for the different application: <https://sphost.idem.garr.it>