

Grid and Web Services Working Group

IVOA Virtual Interop – on line 2020

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Grid and Web Services Group Overview

The unique and only palindrome WG in the IVOA

"The aim of the GWS WG is to define the use of *Grid* technologies and web services within the VO context"

- What we do:
 - ...no Grid any more, but much more;
 - computing, storage, Auth&Authz, science platforms, cloud, containers...
- Documents:
 - Standards;
 - Best practices;





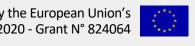


GWS hot topics for this virtual Interop

- Authentication
- Authorization
- Science platforms



- We organize 3 sessions organized as follows:
 - Introduction
 - Discussion/brainstorming
 - Goals
 - **Actions**







Authentication & Authorization

- Complex and continuously evolving
- Affects transversally many WGs and standards
- GWS telco in december 2019
 - https://wiki.ivoa.net/twiki/bin/view/IVOA/GWSTelecon/ n20191219
- Two main topics in this interop:
 - Authorization: group management
 - Authentication: Single Sign On and Credential Delegation







Authentication & Authorization

- Group Membership Service Working Draft
 - We need a second reference implementation to go for RFC: good news from IA2.
- Should we go for SSO 2.1? Yes but we need best practices: Note(s)
 - SecurityMethod to integrate and to extend with "annotations"
- What about the "Credential delegation"?
 - Long discussion on the GWS telco on the role of token based delegation and the necessity of experimenting technologies







Science Platforms

 They are the new frontier for scientists to access and analyze data.

- What is the role of IVOA in facilitating the adoption and usage of SP?
 - Can we make them interoperable?
 - What is the role of IVOA standards?
 - Do we need we standards?







Thanks for your attention.

Have a productive "virtual" 2020 Spring Iterop!

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Slack channel: ivoa.slack.com #grid-webservices



