

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/GWSTelecon20191219>
- 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!

Subscribe to grid@ivoa.net
<http://ivoa.net/members>

Slack channel: [#grid-webservices](https://ivoa.slack.com)

