

Grid and Web Services Working Group

IVOA Virtual Interop – on line 2021b

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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 :
 - Computing, storage, Auth&Authz, Science Platforms, cloud, containers...
- Documents:
 - Standards;
 - Best practices;

| | | | | | | | | | | | | | | | | | | |
|--------------------------------|---|-----|-----|------|------|------|------|------|-----|------|------|------|------|------|------|------|------|------|
| GWS | PDL - Parameter Description Language | 1.0 | | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 0.1 | | | | |
| | SSO - Single-Sign-On Profile: Authentication Mechanisms | 2.0 | | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 1.01 | 1.01 | 1.00 | 1.00 | | | | |
| | VOSpace service specification | 2.1 | | 2.1 | 2.1 | 2.1 | 2.1 | 2.1 | 2.1 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | | | | |
| | | | | 2.0 | 2.0 | 2.0 | 2.0 | 1.15 | 2.0 | 1.15 | 1.15 | 1.14 | 1.13 | 1.12 | 1.12 | 1.11 | 1.10 | 1.02 |
| | | | | 1.02 | 1.01 | 1.00 | 1.00 | | | | | | | | | | | |
| | Credential Delegation Protocol | 1.0 | | 1.0 | 1.0 | 1.01 | 1.01 | 1.00 | | | | | | | | | | |
| | UWS - Universal Worker Service | 1.1 | | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.0 | 1.0 | | | |
| | | | | 1.0 | 1.0 | 1.0 | 1.0 | | | | | | | | | | | |
| VOSI - IVOA Support Interfaces | 1.1 | | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.0 | 1.0 | 1.0 | 1.0 | | | | | |
| | | | 1.0 | 1.0 | | | | | | | | | | | | | | |
| GMS - Group Membership Service | | RFC | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | | | | | | | | | | | |



GWS hot topics for this virtual Interop

FOCUS



- Science platforms
- VOSpace
- Auth&AutZ



Authentication & Authorization

- **Group Membership Service RFC**
 - We have two ref implementations
 - RFC period just end. We will have further discussion 3rd of Nov
- **SSO**
 - Some telco before/during summer
 - Need a reorganization, reference standards update and introduction of new standards (Token based Auth)
 - A session dedicated the 4th of Nov.
- What about the CDP?



GWS agenda at Interop

Schedule Summary

| Session | DateTime UTC | UTC+01:00 | UTC-04:00 | UTC-07:00 | UTC+08:00 | UTC+11:00 |
|---------|-----------------------------|-------------------|----------------------|-----------------------------|----------------------|-----------------|
| | | <i>Strasbourg</i> | <i>Washington DC</i> | <i>Victoria BC/Pasadena</i> | <i>Perth/Beijing</i> | <i>Canberra</i> |
| GWS 1 | Nov 3 05:00 | Nov 3 06:00 | Nov 3 01:00 | Nov 2 22:00 | Nov 3 13:00 | Nov 3 16:00 |
| GWS 2 | Nov 4 05:00 | Nov 4 06:00 | Nov 4 01:00 | Nov 3 22:00 | Nov 4 13:00 | Nov 4 16:00 |

- GWS1 is focused on
 - Science platforms
 - GMS discussion
- GWS2 is focused on
 - VOSpace
 - SSO and Open discussion (open to all WGs)



Thanks for your attention.

Have a productive “virtual” 2021b Iterop!

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

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

