Grid and Web Services Working Group

IVOA Virtual Interop – on line 2022a

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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;

- ## How do we work?

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 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 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 1.0 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 1.0 1.0 1.0 1.0 1.0 1.0
GMS - Group Membership Service	1.0		1.0 1.0 1.0 1.0 1.0 1.0 1.0

GWS hot topics for this virtual Interop

FOCUS

- Auth&AutZ

- VOSpace

- Science Platforms (Theory sSession)

Authentication & Authorization

- **Group Membership Service 1.0 is a standard**

- **SSO**

  - reference standards update and introduction of new standards (Token based Auth)

  - Some ideas on the wiki

    - https://wiki.ivoa.net/twiki/bin/view/IVOA/SSO_next

- What about the CDP?

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 0.1
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	GMS - Group Membership Service	1.0		1.0 1.0 1.0 1.0 1.0 1.0 1.0

GWS agenda at Interop

Schedule Summary						
Session	**DateTime UTC**	**UTC+02:00**	**UTC-04:00**	**UTC-07:00**	**UTC+08:00**	**UTC+10:00**
		Strasbourg	*Washington DC*	*Victoria BC/Pasadena*	*Perth/Beijing*	*Canberra*
GWS 1	Apr 27 05:00	Apr 27 07:00	Apr 27 01:00	Apr 26 22:00	Apr 27 13:00	Apr 27 15:00
GWS 2	Apr 29 13:30	Apr 29 15:30	Apr 29 9:30	Apr 29 06:30	Apr 29 21:30	Apr 29 23:30

- ## GWS1 is focused on
  - ExecutionPlanner
  - SSO

- ## GWS2 is focused on
  - VOSpace ➔ *IA2 will also discuss how to assign DOI to product in VOSpace...*
  - SciPlat

Thanks for your attention.

Have a productive "virtual" 2022a Iterop!

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

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