

OGSA Authorization WG

Global Grid Forum, Security Area

1. Administrative information

Chairs:

David Chadwick, d.w.chadwick@kent.ac.uk
Von Welch, vwelch@ncsa.uiuc.edu

Secretary(s):

Secretary role filled by WG chairs

Email list: ogsa-authz@grid-forum.org

Send 'subscribe ogsa-authz' in email body to majordomo@gridforum.org to subscribe.

Web page:

<https://forge.gridforum.org/projects/ogsa-authz/>

2. Charter

Focus/Purpose

The objective of the OGSA Authorization WG is to define an OGSA Profiles for authorization based on the SAML and/or XACML specifications to allow for basic interoperability and pluggability of authorization components from multiple authorization domains in the OGSA framework. There are a number of authorization systems emerging in the Grid today (Akonti, PERMIS, CAS, VOMS, Cardea, etc.), these specifications will allow these solutions to be interchangeably used with middleware that requires authorization functionality.

Scope

This group will be building from the SAML Authorization Service document which they have already produced. The group will develop two new versions of this document:

- . The first will be an updated version which reflects the latest OGSA and WSRF documents and standards.
- 0. The second will incorporate features which were deferred in the current version. The list of features will be decided on by the group, and will minimally include:
 - 0. Pass operation arguments to PDP to make decisions based on them (XACML supports this)
 - 0. Pass level of authentication to PDP to make decisions based on strength of authentication (SAMLv2 supports this)
 - 0. Return obligations to PEP (XACML supports this)

The group will also continue to monitor progress in the OGSA, WSRF and Grid community and updated the current Attribute and Requirements documents as appropriate.

Goals:

- 0. Milestone 1: Finalize charter and list of features to be added to Authorization Service document (GGF15)

- . Milestone 2: Update Authorization Service document to WSRF/latest OGSA (GGF15)
- 0. Milestone 3: First draft of updated Authorization Service document with new features (GGF16)
- 0. Milestone 4: Refined draft of Authorization Service document with new features (GGF17)
- 0. Milestone 5: WG Consensus on Authorization Service document, sent to GGF Editor (GGF 18)

0.

0. **Management Issues:**

The WG will meet F2F at GGF and hold conference calls as needed in order to maintain forward progress.

Evidence of Commitment to Carry out Tasks:

Deliver of previous documents.

Preexisting Documents:

- 0. Attributes use in OGSA Authorization:
- 0. https://forge.gridforum.org/docman2/ViewProperties.php?group_id=119&category_id=451&document_content_id=2818
- 0. Use of SAML for OGSI Authorization
- 0. https://forge.gridforum.org/docman2/ViewProperties.php?group_id=119&category_id=450&document_content_id=4373
- 0. OGSI Authorization Requirements
- 0. https://forge.gridforum.org/docman2/ViewProperties.php?group_id=119&category_id=449&document_content_id=4375

Exit Strategy:

The future of the group will be evaluated once the documents in the milestones have gone into public comment.

Relationship to other GGF groups:

OGSA-WG: A Liaison has been established between the OGSA-Auth-WG and the OGSA-WG to ensure our approach is consistent with the overall OGSA direction.