

VOMSPROC WG

OGF36, Chicago, IL, US

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Background

- VOMS attributes are the most common mechanism to convey community membership, in particular as ACs in proxy chains
- have well defined syntax format and conveyance mechanism: GFD.182
- lack usage parsing rules in SAML space

WG scope

1. provide recommendations for the interpretations of VOMS Attribute Certificates
2. review the validation guidance given in GFD.182 and consider any necessary revisions to section 4.4 therein, in view of the proposed recommendations.
3. document the current understanding of how validation parsing rules should be applied for collated VOMS attributes when used in a SAML environment.

Time line and plans

- Prerequisites:
 - input from VOMS team
 - input from main validation service providers, including EMI's CAL and in LCMAPS 'verify-proxy' for use via gt4-authz-callout for IGE
- Does not impact authZ services proper
- 'Target a good draft by OGF36 (Delft) in October'

VOMS Parsing Rules (doc#1)

- on redmine
http://redmine.ogf.org/dmsf_files/159
- current ToC
 - 1 Introduction
 - 2 Notational Conventions
 - 3 VOMS proxy chain structure
 - 3.1 Validity period and renewal requirements
 - 3.2 Scoping requirements
 - 4 Parsing rules
 - 5 Security Considerations

VOMS Parsing Rules (doc#1)

- determining the effective attribute set for collated VOMS attributes
- what to do if one out of a bag of VOMS ACs at the same level is expired
- the order in which attributes are interpreted
- review the use cases for non-criticality of the VOMS extension (document in update)
 - “Accessing a resource, where the user requires the resource to treat the user as a having a specific attribute (set)”

VOMSPROC time line

- 0: improve engagement of stakeholders
- 1st doc (REC): canonicalization of VOMS ACs in chained identity credentials
timeline: OGF36 - delayed
- 2nd doc (INFO): understanding parsing rules for collated VOMS SAML space
timeline OGF37+ - not started yet

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