

# IDEL: status and plans

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- Charter **agreed**
- IDEL group (officially) **formed**
- We have:
  - Project area in redmine:  
*<http://redmine.ogf.org/projects/idel-wg>*
  - Mailing list:  
*<details go here>*

1. Document describing collected **input from interested parties**.
2. Protocol for **achieving identity delegation** and corresponding **profile document**.
3. An **experiences document** describing the adoption of the protocol and profiles by various interested communities

# 1. Input from interested parties

# ...from interested parties



- 1.a) GridSite delegation
- 1.b) Summary document

# 1.a) GridSite Delegation



- Multiple implementations exist
- Existing documentation is not ideal:
  - documents implementation decisions.
- Provide authoritative OGF document
  - Try to engage the original authors,
  - Existing documentation isn't bad, so task shouldn't take too long.

# 1.b) Summary document



- Capture experience from **different delegation protocols**:
  - Provide a “review article”-style document,
  - Survey of existing delegation systems (that we know of)
- Provide **summary information** of existing solns:
  - How they work (overview, referring to existing documentation)
  - What are the experiences (good and bad)
  - Provide a consistent level of information across the document
- Provide **background information** for IDEL protocol
  - Design decisions of IDEL protocol based on information in this document

## 2. Protocol for achieving identity delegation



- 2.a) Overall protocol
- 2.b) c) ... Specific profiles

# 2.a) Overall protocol desc.



- Two dimensions of variability:
  - Identity technology:
    - *X.509, Kerberos, OpenID, SAML, OAuth, (BrowserID, ...)*
    - *How to achieve delegation in terms of interactions.*
  - Transport:
    - *SOAP, RESTful, GSS-style msg, (XMLRPC, ONC RPC, Corba, ...)*
    - *How to map abstract interaction to transport concepts.*
- Includes a description of useful ancillary activity
  - Query existence and lifetime of credential,
  - How to request destruction of the credential,
- Adding another transport or identity tech. should be easy
- Reference point for specific profile documents

## 2.b)... Specific profiles



- Provide concrete delegation protocol
  - Choose a transport (SOAP, say)
  - Choose an ID tech. (X.509, say)
  - Profile is “delegate X.509 using SOAP with IDEL”.
- Use generic document as guidance; describes:
  - what interactions are needed for X.509 delegation
  - how interactions are handled with SOAP.
- Compare the result against existing solutions.

# 3. Experience document describing adoption

# 3. Experience document



- Must wait until the profiles have been written, implemented and adopted.
- Assign a section to each profile document, or section for each user-community?

- Phase 1:
  - GridSite, in parallel with:
  - Review article (GridSite, Teragrid/XSEDE, IGE/Globus, IVOA, ...)
- Phase 2: write the generic document
- Phase 3: write specific profile(s)
  - X.509 SOAP
  - X.509 RESTful
- Phase 4: provide reference implementations
- Phase 5: encourage adoption
- Phase 6: write up experiences