

# The State of User-Managed Access, November 2014

Eve Maler, chair  
@UMAWG

3 November 2014  
[tinyurl.com/umawg](http://tinyurl.com/umawg)



# Agenda

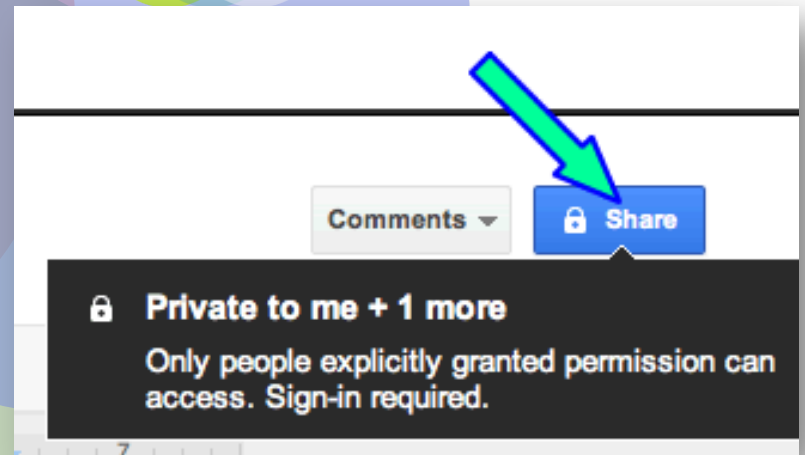
- Quick summary of UMA in context
- Specification progress in context
- Implementation news
- Standardization progress and next steps
- Use case domains
- Other major news items
- Thoughts on UMA contributions to the larger conversation

# The new Venn of access control and consent

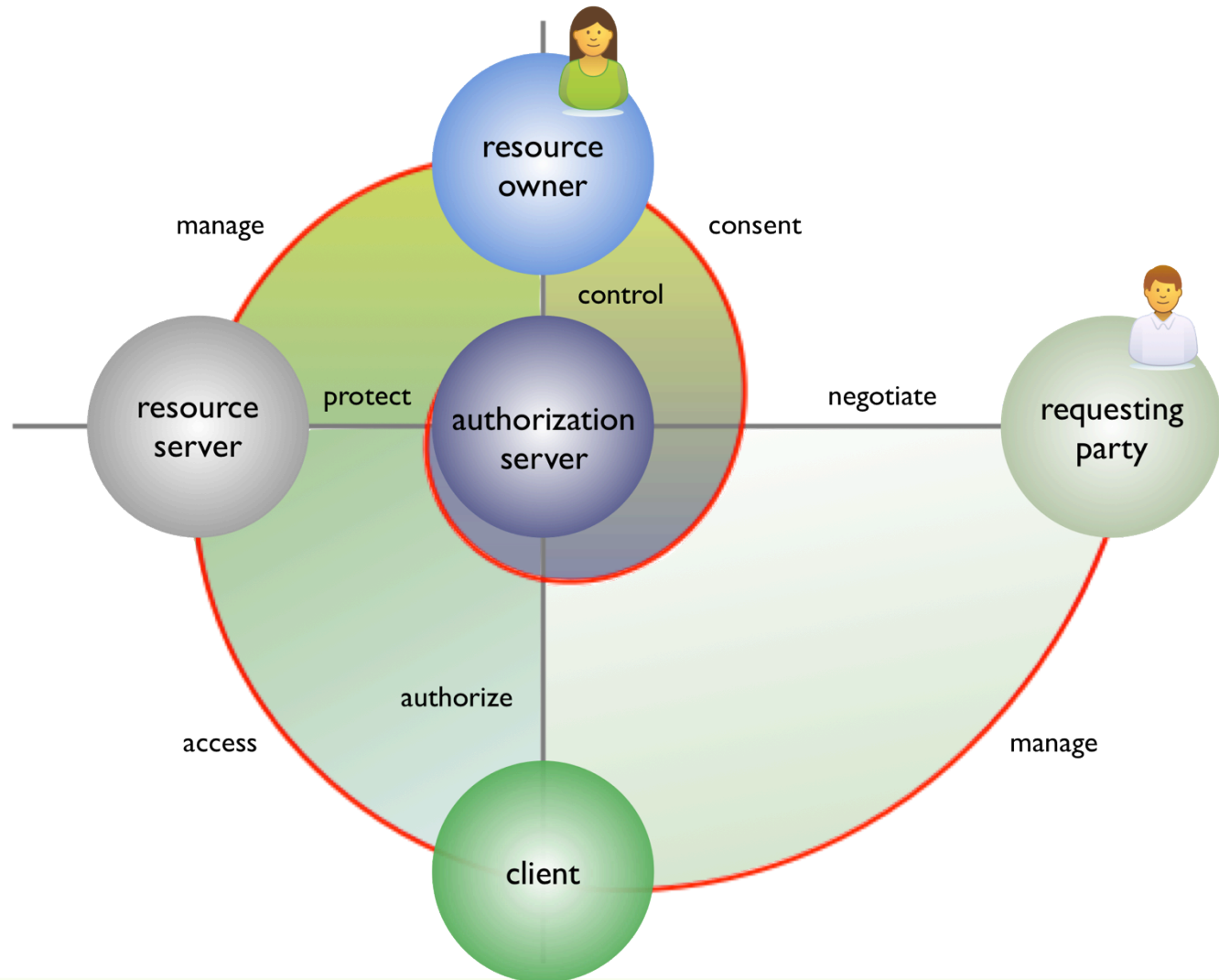
Quickly login with your social network:



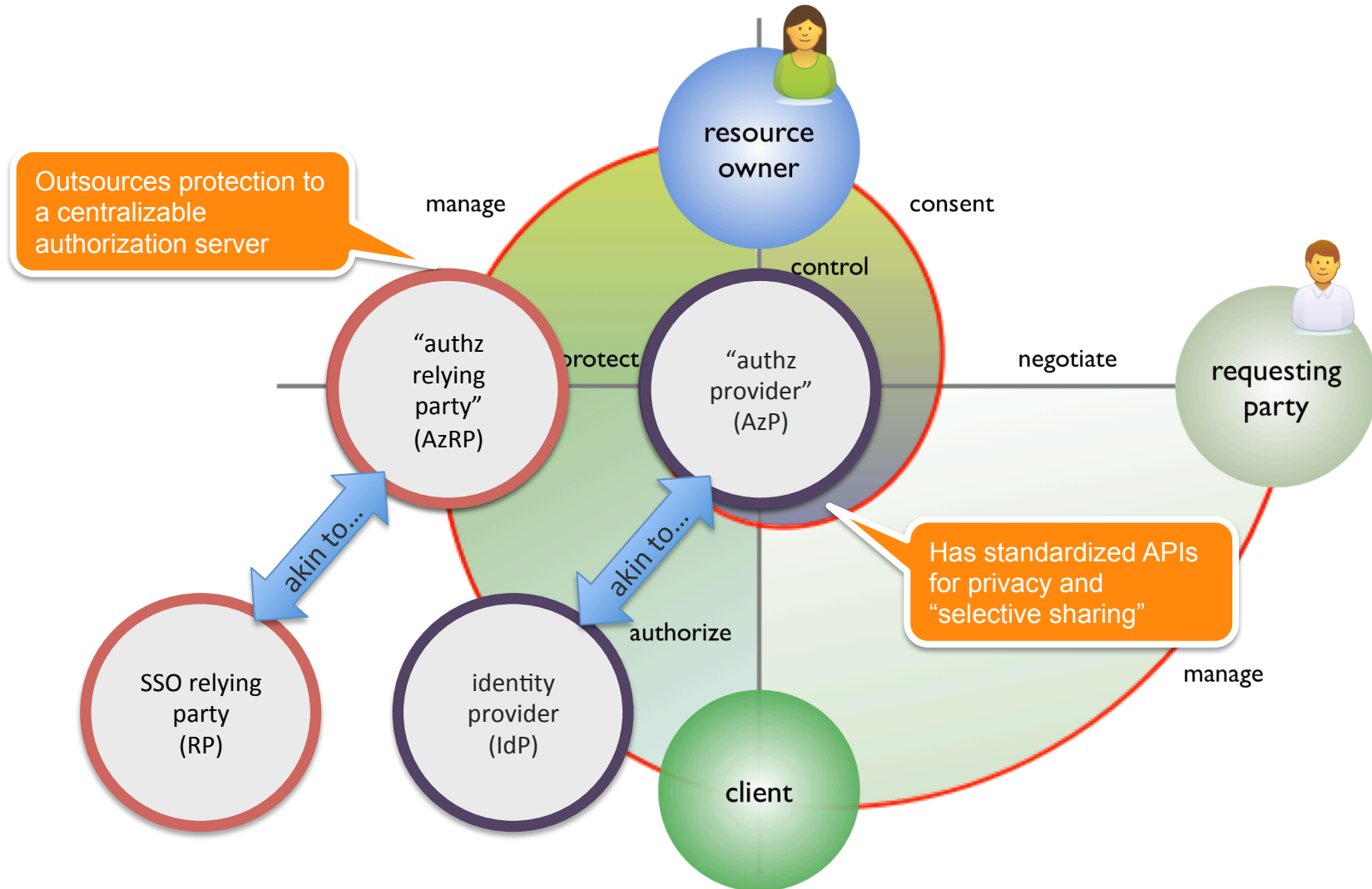
OpenID  
Connect



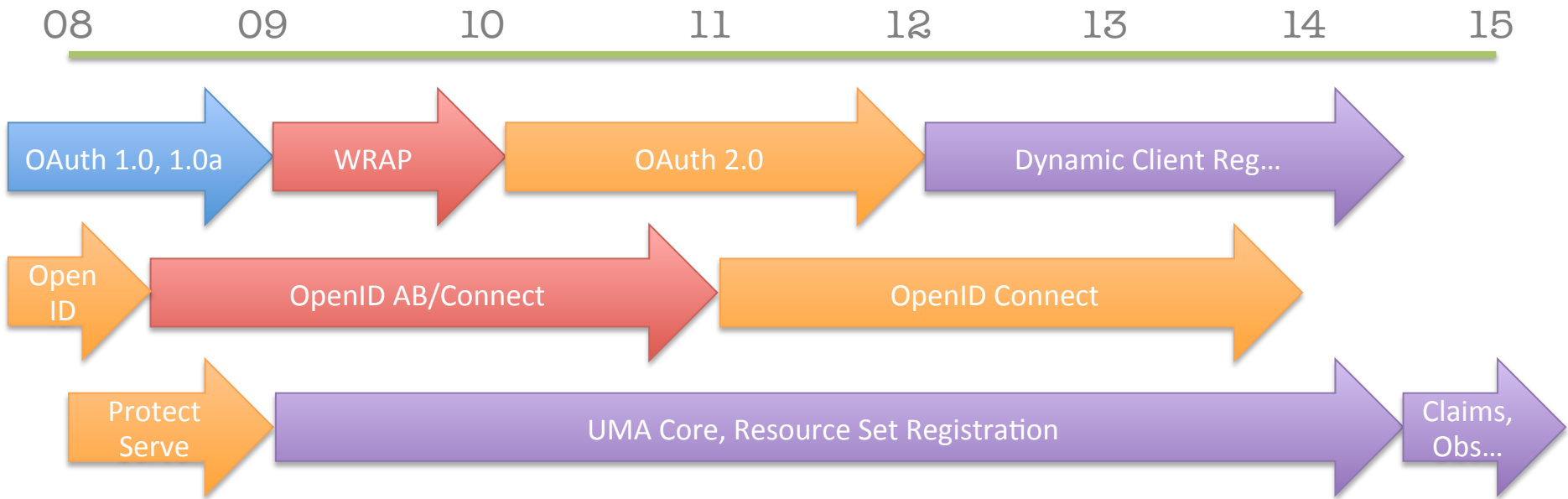
# The marvelous spiral of controlled personal data/access sharing



# Interoperable, RESTful authorization-as-a-service



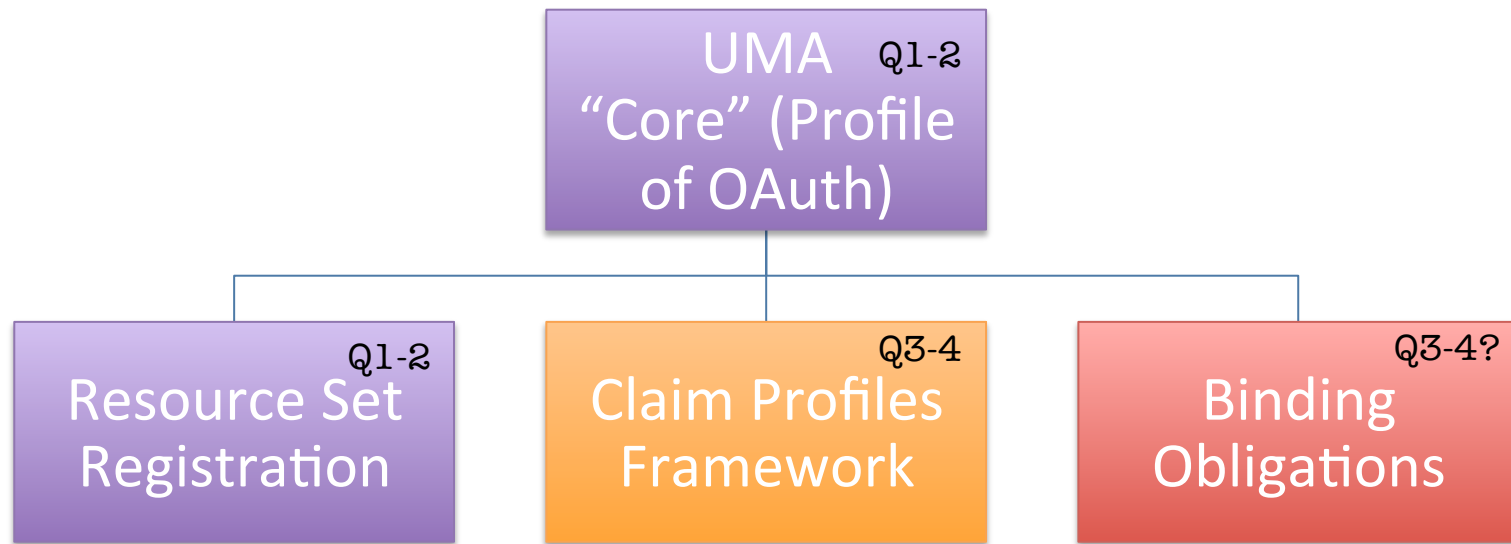
# Specification progress in context



# Implementation news

- Interop testing has begun on the “V0.9” specs, mostly against Roland Hedberg’s suite
  - Four participants, four full solutions (including an authorization server) and two partial solutions (resource server and client only)
  - Several other implementations in the wings
- A few implementations in deployment
  - One product for a personal data use case
  - One product for several enterprise use cases
- Cross-matrix testing coming in 2015

# Standardization progress and next steps





# Use-case domains

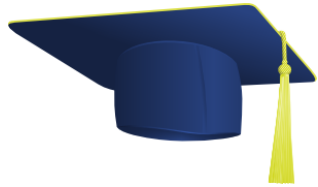


Health

Financial



Education



Personal



Government



Media



Behavioral



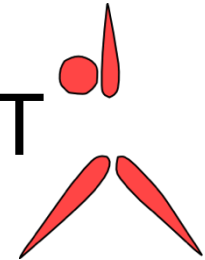
Web

Mobile



API

IoT



# Other major news items

- EIC award
- HEART WG
- New open-source community



# UMA contributions to the larger privacy and consent conversation

- UMA authorization grants (and consent directives) as asynchronous consent
- The relationship between proactive, directed sharing and privacy-as-runtime-consent

# UMA contributions to the larger access control conversation

- Opportunities for declarative policy to be the “rocket fuel” of IoT authorization
- Opportunities for UMA along with simplified XACML in the health space
- UMA extensions for full ABAC

# Big thanks!

- To Kantara
- To the UMA WG
- To the implementers
- To the IRM community

# Questions? Thank you!

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