

Single Sign-On Authentication progress report

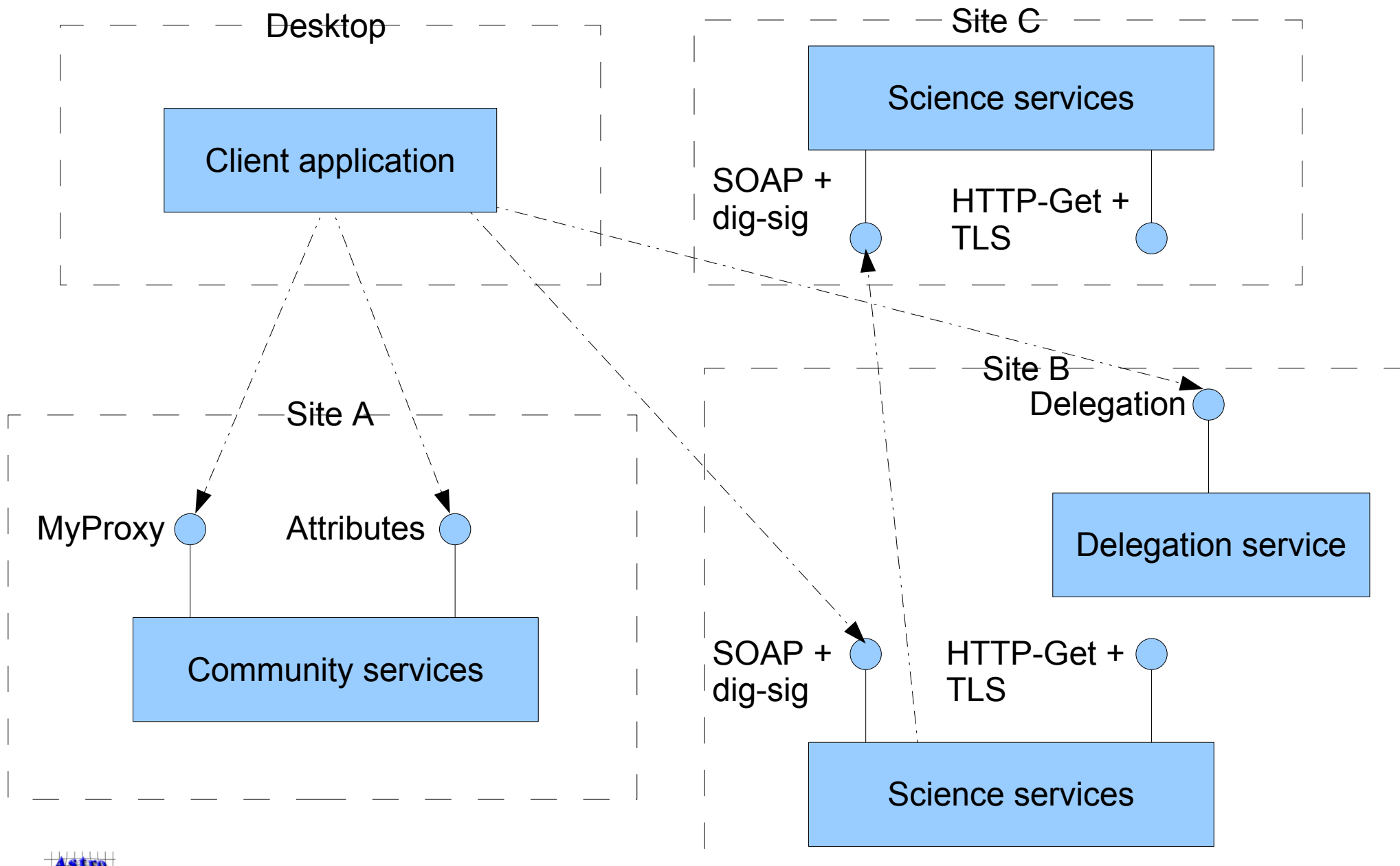
Guy Rixon

Presentation to Astro-RG
OGF19, January 2007

Context: IVOA SSO profile

- IVOA has a standard for Single Sign On:
 - <http://www.ivoa.net/internal/IVOA/IvoaGridAndWebServices/security-architecture-v0.1.html>
 - <http://www.ivoa.net/Documents/latest/SSOAuthMech.html>
- Based on a PKI
- Disclosure: we stole the good bits from the Grid movement. Thanks! 😊

Architecture redux



Interface scoresheet

Interface	Specification	Deployments
SOAP + dig-sig	1.0 WD	AstroGrid, ESO
HTTP-get + TLS	1.0 WD	none
MyProxy	Wiki discussion	NVO, AstroGrid
“attributes”	Wiki discussion	none
Delegation	Wiki discussion	none

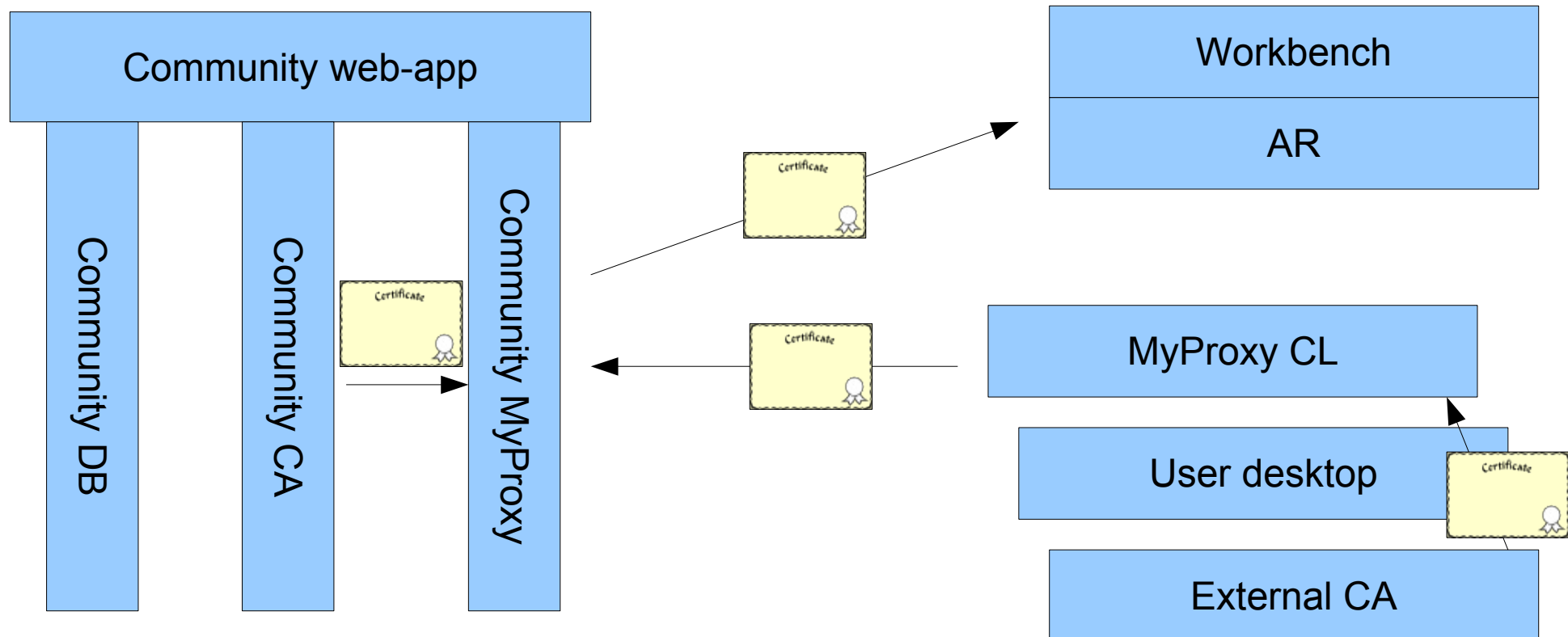
“Tiger team” to write missing specification profiles.
Hope to finish before May 2007

HTTPS with RFC3820

- Still looking for an RFC3820-compliant HTTPS service.
 - I.e. one that accepts proxy certificates.
- AstroGrid will probably produce a Jetty variant with RFC3820

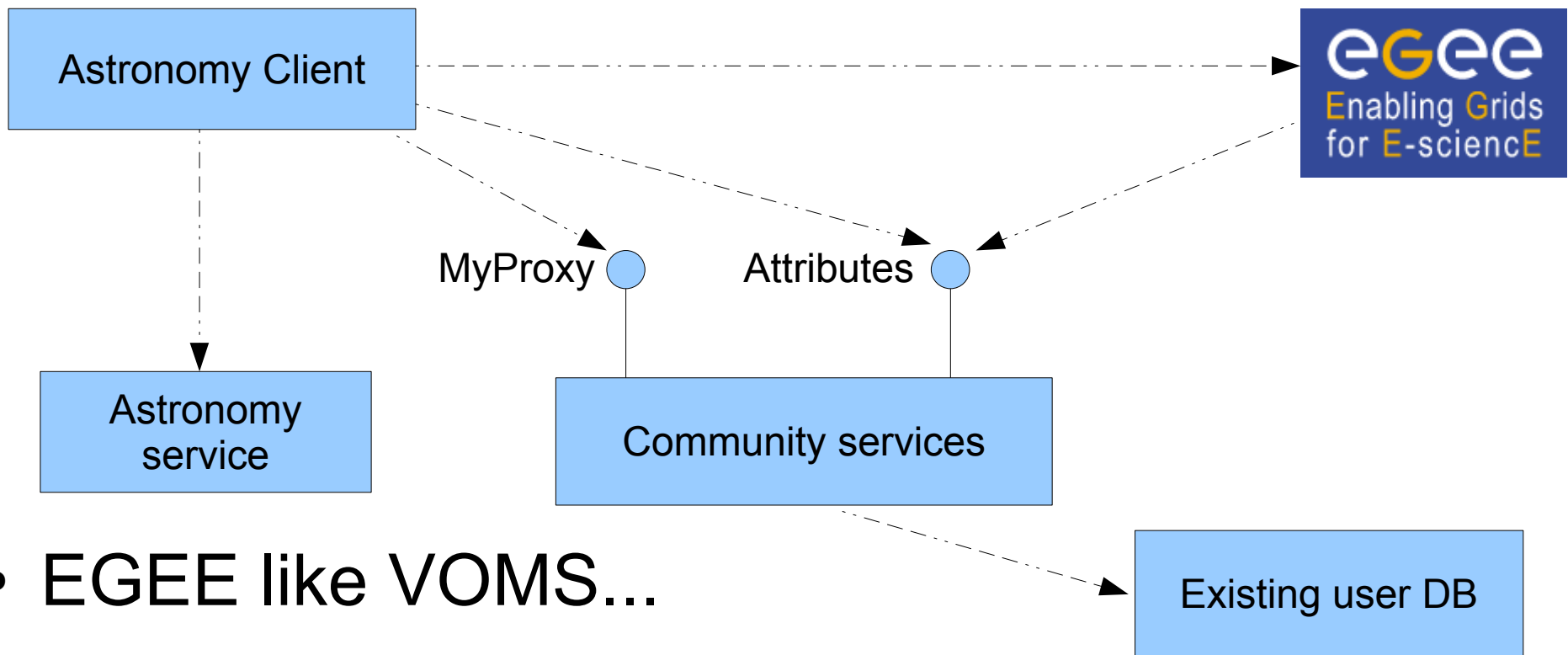
Community-based CA

- This is working in AstroGrid



Attribute servers

- “How do I prove I'm a member of this VOrg?”
- Need to support both push and pull



- EGEE like VOMS...