

OSG RA, DOEGrids CA features

Doug Olson, LBNL August 2006

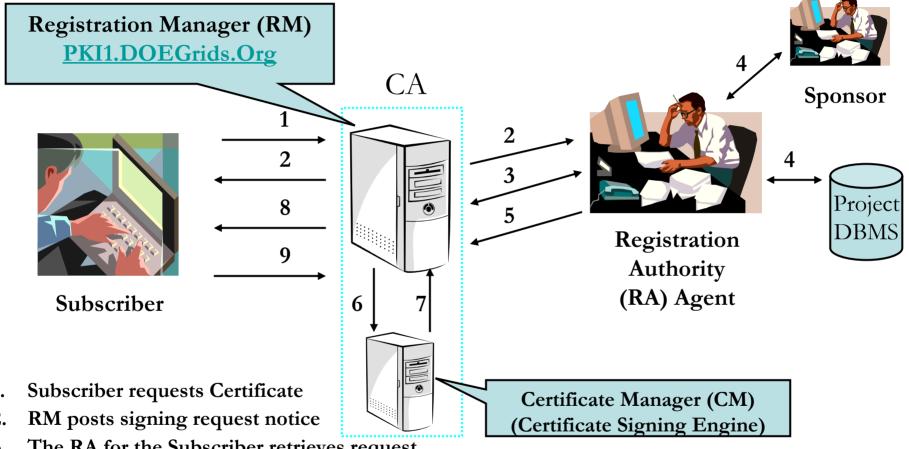


Contents

- RA, agent, sponsor layout & OU=People use case
- Sample web form
- Agent Role
- GridAdmin Role
- Questions
- Schedule

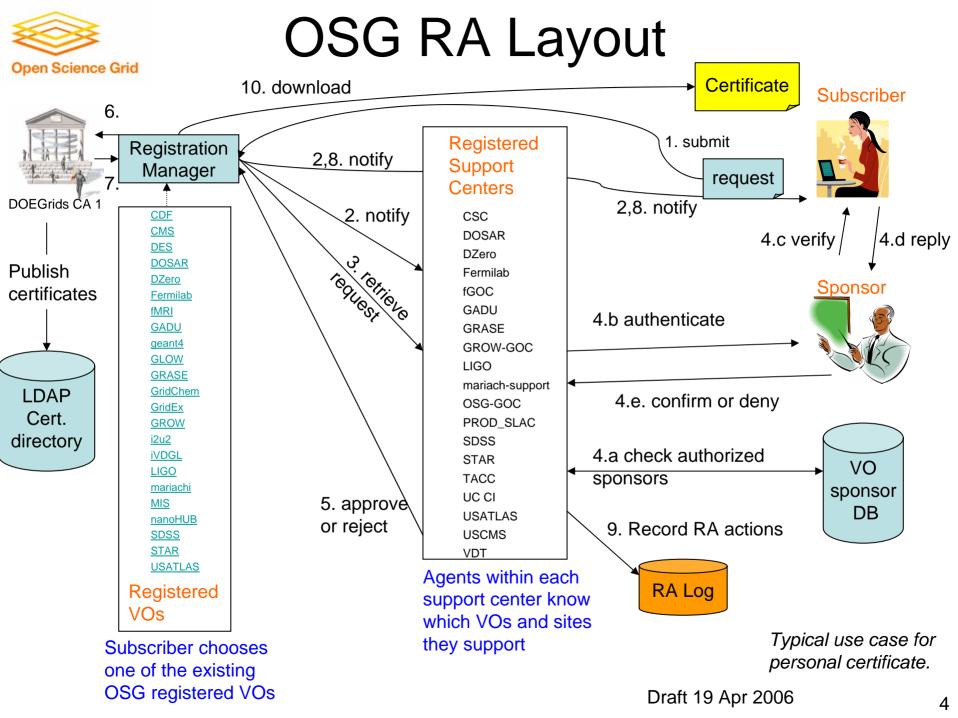


Grid Classic PKI People Certificate Workflow



- CM issues certificate 7.
- RM sends Email notice to Subscriber 8.
- 9. Subscriber picks up new certificate

- The RA for the Subscriber retrieves request 3.
- The RA agent reviews request with Grid project
- The agent updates/approves/rejects request
- Approved Certificate Request is sent to CM





Things on the horizon

- ESnet has a new version of the CA software in and house under investigation
 - RedHat Certificate System http://www.redhat.com/solutions/rhcs/ evolution of same code base of iPlanet/SUN CMS
- OSG RA setting up Roundup Issue Tracking to track request processing with more flexibility than the CA Agent interface.
 - Will form basis of RA performance metrics.
- Implementing https based sponsor confirmation as alternative to digitally signed email
- DOEGrids/ESnet looking at setting up CA tied to other user account database via Radius, such as LDAP, ...



Interfaces we can affect

- Cert Request form (somewhat)
- Cert management scripts
- Email request notices to agents (somewhat)
- Consider separate OSG Registration Manager to isolate OSG from other RA requests
- Ldap directory of published certificates