



Enabling Grids for
E-science in Europe

www.eu-egee.org

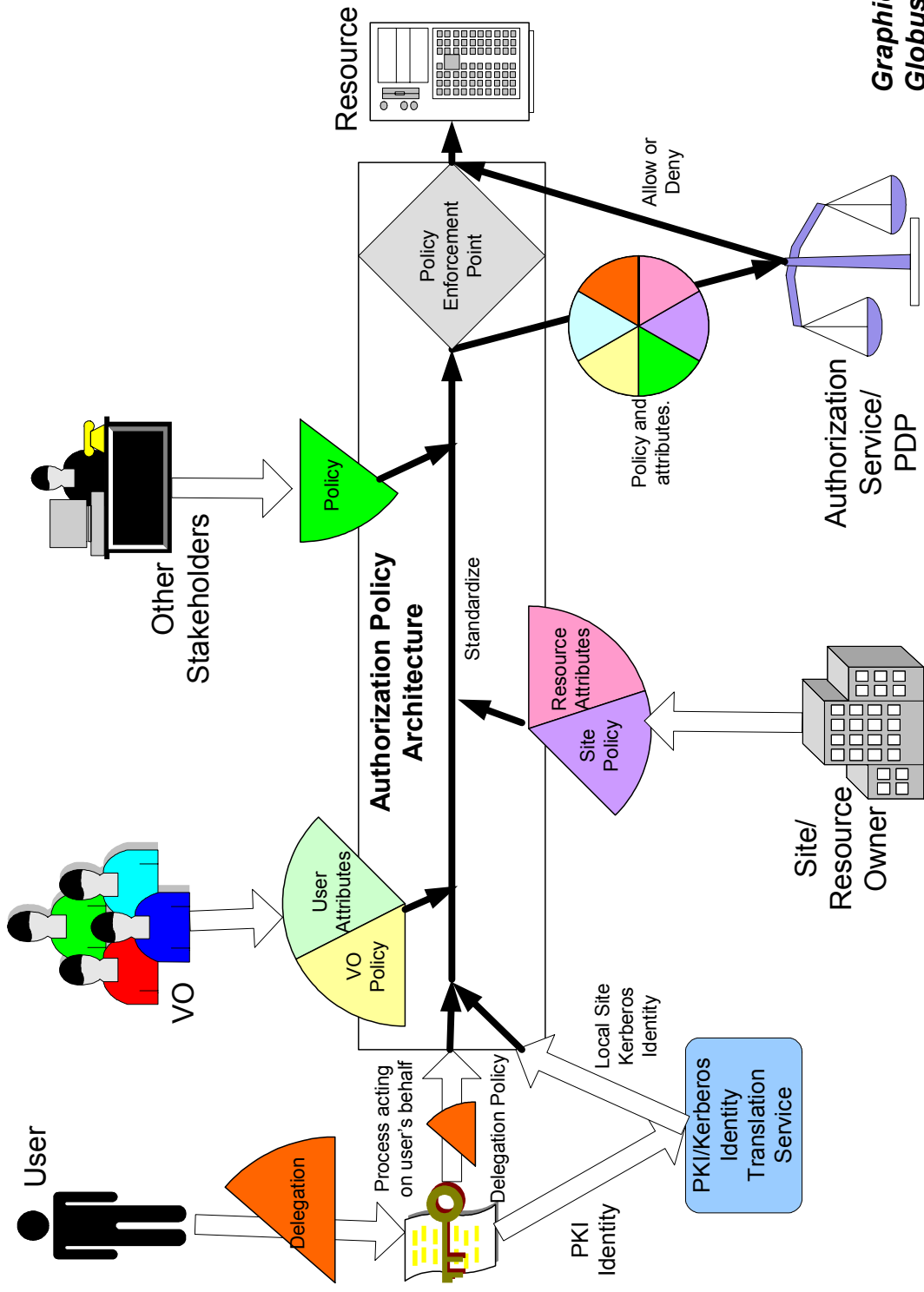
PTF, June 17, 2004

Security Services

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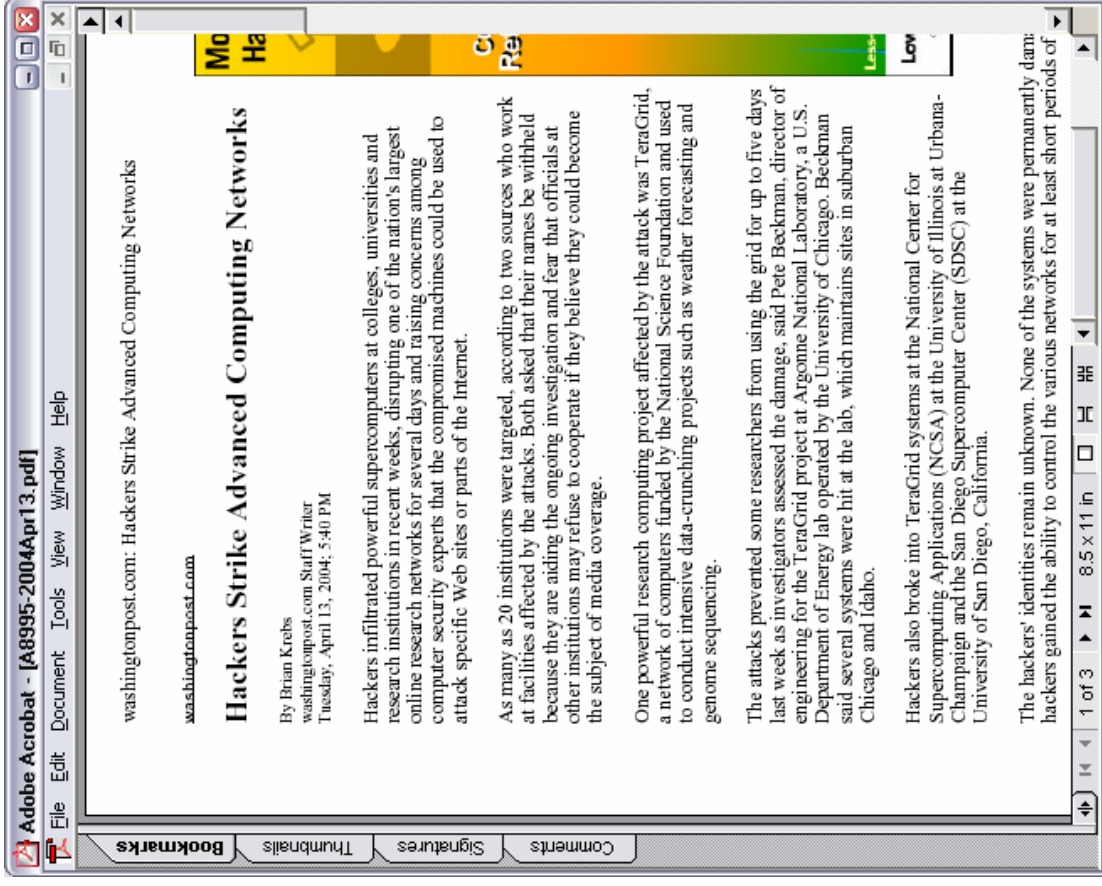


Our goal: it's all about policy enforcement



Authentication “service”

- EU GridPMA
 - CA trust fabric
- Credential storage
 - MyProxy
- Closely monitoring current events
 - SSH based hacking
 - DOE reqs on OTP



Authorization “service”

- Security architecture: keep decisions local
 - Authorization framework
- Convenience services to resolve management, distribution and scalability issues
 - VOMS

Audit “service”

- No acceptable solution today
- Currently: Developer guidelines on consistent logging
 - Actual tracing will be manual and distributed
- Biomed coming in with additional requirements

Key management for data confidentiality

- JRA3/NA4 (Biomed) collaboration
- Complete solution is a *HUGE* undertaking
 - Investigating what we can actually do
 - “Warm and fuzzy” solutions may be enough