Robert Ricci

GEC 10

March 15, 2011

ProtoGENI Identity Management Thoughts

THE UNIVERSITY OF UTAH

I Want To Know …

- Mostly, whose neck to wring and how to do it
- Name, email address, institution, role
- PI or faculty supervisor

- I'll take these from trustworthy sources

Separating SA and IdP

- We didn't do this initially
  - … but it's probably a good idea
- Re-factoring to trust authorities as specific types
- Partly just shifts the problem, as someone must still decide who gets to create slices

Using External Identity

- Optimize for low hassle

- Scale of the problem
  - Probably O(10k)
  - Testbeds acting as own IdPs have scaled this far
- Biggest stress on the identity system likely to come from undergraduate classes
  - … or from moving outside the research world