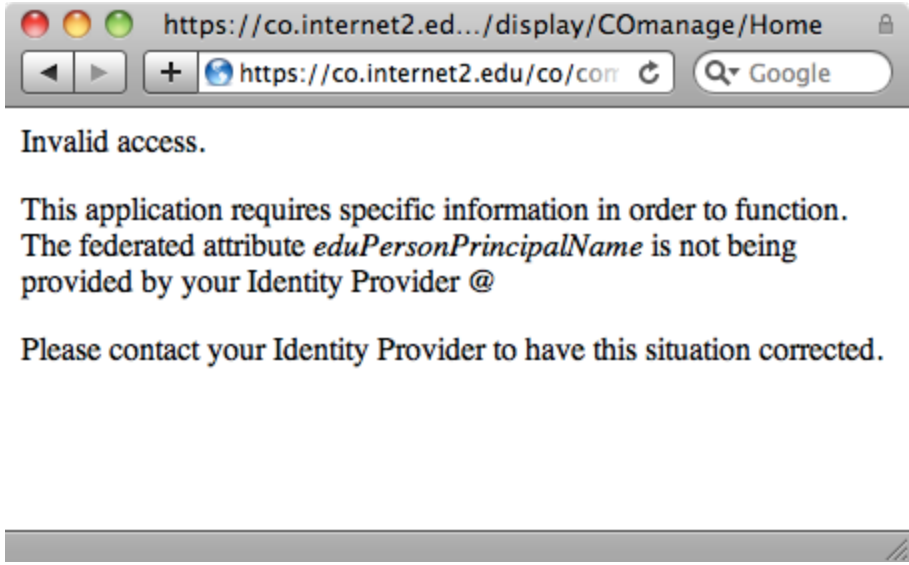
Federated Service Provider On-Boarding

Jim Basney
jbasney@illinois.edu

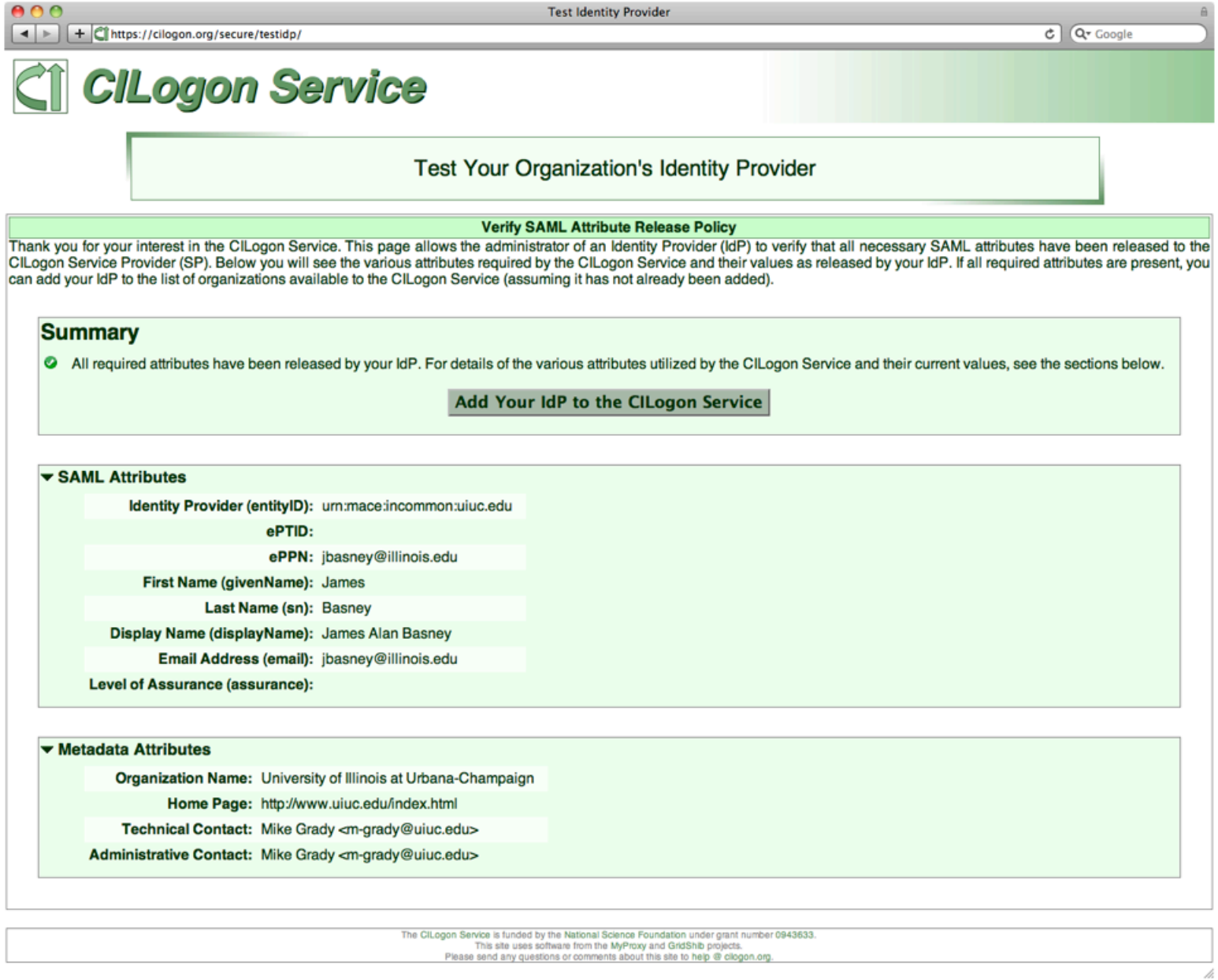
The Problem

Login Unsuccessful
https://wiki.shibboleth.net/confluence/
Google
Shibboleth
Login Unsuccessful
Your Identity Provider did not release enough information for our services to properly identify you. You will need to contact an Identity Provider administrator to enable the release of the appropriate information, or alternatively use an alternative Identity Provider with a more liberal policy.
You may direct your technical staff to this infrastructure page for specific technical details on configuration and our policies regarding the information we receive.


https://co.internet2.ed.../display/COmanage/Home
https://co.internet2.edu/co/
Google
Invalid access.
This application requires specific information in order to function. The federated attribute eduPersonPrincipalName is not being provided by your Identity Provider @
Please contact your Identity Provider to have this situation corrected.

SP On-Boarding

- Goal: Enable successful use of SPs by users from many IdPs
  - Particularly difficult for “no contract” SPs (“user-driven” SPs)
- Challenge: Attribute release
  - Technical: user consent, attribute requirements in metadata, IdP filtering
  - Policy: privacy, FERPA, SP trust
    - Policies differ for students versus faculty/staff?
    - Scaling: attribute bundles, default release policies


Test Identity Provider
https://cilogon.org/secure/testidp/
Google
CILogon Service
Test Your Organization's Identity Provider
Verify SAML Attribute Release Policy
Thank you for your interest in the CILogon Service. This page allows the administrator of an Identity Provider (IdP) to verify that all necessary SAML attributes have been released to the CILogon Service Provider (SP). Below you will see the various attributes required by the CILogon Service and their values as released by your IdP. If all required attributes are present, you can add your IdP to the list of organizations available to the CILogon Service (assuming it has not already been added).
Summary
All required attributes have been released by your IdP. For details of the various attributes utilized by the CILogon Service and their current values, see the sections below.
Add Your IdP to the CILogon Service
SAML Attributes
Identity Provider (entityID): urn:mace:incommon:uiuc.edu
ePTID:
ePPN: jbasney@illinois.edu
First Name (givenName): James
Last Name (sn): Basney
Display Name (displayName): James Alan Basney
Email Address (email): jbasney@illinois.edu
Level of Assurance (assurance):
Metadata Attributes
Organization Name: University of Illinois at Urbana-Champaign
Home Page: http://www.uiuc.edu/index.html
Technical Contact: Mike Grady <m-grady@uiuc.edu>
Administrative Contact: Mike Grady <m-grady@uiuc.edu>
The CILogon Service is funded by the National Science Foundation under grant number 0943633.
This site uses software from the MyProxy and GridShib projects.
Please send any questions or comments about this site to help @ cilogon.org.

Possible Work Items

- uApprove / user consent improvements
  - Release only some attributes?
- SP attribute requirements in metadata
- IdP attribute capabilities in metadata
  - Which IdPs release attributes automatically?
- Scalable establishment of SP trust
  - SP classification by the federation?
- IdP filtering / IdP registration
  - Also for SAML ECP apps
- Error handling

Can federations serve these SPs?

Or should Social IDs own this space?