



External users in Grouper

External users in Grouper example

Chris Hyzer
University of Pennsylvania
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External users in Grouper

Penn's Secure Space

- Penn launched Secure Space in Fall 2010
- Initially it was for PennKey holders only
- Last month we released a version which uses Grouper external users



Penn' s Secure Space (continued)

- Secure Space is built on Grouper with three groups per space: admins, users, readonly
- When logging in, the grouper client / WS is used to cache the list of groups for user
- On create/delete space, GC/WS is used to create/delete groups
- Group memberships are managed via the membership lite UI screen



Penn's Secure Space (continued)

- Penn's Grouper has rules to only allow external users in certain SS folders
- Penn's Grouper external users must be invited to be able to register
- SecureSpace uses InCommon
- EPPN is required for external users
- External users self-register their name, email, institution



Penn's Secure Space (continued)

- Penn installed Shibboleth Discovery Service (DS/WAYF), customized:
 - Pennify
 - Support channel
 - Make it easy for Penn users
 - Recommend ProtectNetwork for users who don't have an InCommon account which releases EPPN



Penn' s Secure Space (continued)

- Grouper shows external users with different icon, and description:
- [unverifiedInfo] First Last - institution [externalUserId] userId@institution.suf
- External users do not show in results for groups which do not allow external users
- [Demo](#)



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Questions?

