Grouper BoF
TechEx 2015
Grouper BoF Agenda

- Welcome
- Agenda bash
- New team members
- What is Grouper
- Release 2.2.2
- Roadmap and scheduling
- TIER
- Community feedback
Grouper team changes

- Bert Bee-Lindgren (GaTech) is taking over for Dave Langenberg (uChicago) focusing on provisioning
- Misagh Moayyed (or another Unicon resource) will help with Grouper and other TIER projects, initially focused on GSH and build/package management
- Vivek Sachdeva (independent) has been working on Jiras and WS APIs for 2.3
- Chris Hyzer (Penn) is the new Grouper lead, taking over for Tom Barton (uChicago) (who will continue to be involved e.g. heckling from the back of the room)
- Shilen Patel (Duke) is still Shilen Patel
What is Grouper

- Enterprise access management system
- Centralized groups and permissions
- Delegated control
- Share access across applications
- WS
- UI intended for any user to manage a group
- Provisions to LDAP / AD / SAML
- Auditing
- Automatic deprovisioning
Release 2.2.2

- Fewer minor releases due to patches
- Still have them due to package managers and clear patch slate (yearly?)
- We will try to only maintain 2.2.2 in the 2.2 branch, please upgrade
- Includes ~47 patches and other fixes (54 jiras)
- If you are on a patches version of 2.2.1 this is low risk
2.2.2 notable enhancements

• Readonly and viewonly admin groups
• Grouper loader failsafe threshold
• Rename include/exclude affects all groups
• Add composite details to membership list
• Startup checks for Java version and UTF-8 abilities
• Refresh loader group from UI
• New hooks (unique objects names, privilege inheritance)
• Move and copy from WS
• Auto-create user folders
• Patch creator
Grouper roadmap

• TIER packaging
• Revise building and package management
• Improve folder privileges
• Improve loader
• New UI incorporate rules
• New UI support attributes / permissions / etc
• Add attribute/permissions operations to WS
• Upgrade vt-ldap to ldaptive
• PSPNG
• Improve GSH
• Standard Authz API
Grouper roadmap schedule

• We would like to release in Q1 2016
• This release is time based, not feature based, so not exactly sure what will be in it
• We would like to focus on new development for a while (been spending a lot of time on patches for 2.2)
TIER

- Trust and Identity in Education and Research
- Requirements and funding from institutions (join!)
- Suite of products that can be installed / managed consistently
- Grouper will be adjusting some it’s framework’y type items to be consistent with TIER (logging? configuration?)
- Installation and configuration etc should be easier and more familiar since it will be consistent with other TIER products
  - Docker?
- Standardized API
Something you can do to help

- Share your Grouper experience
  - Update it from time to time
- https://spaces.internet2.edu/display/Grouper/Community+Contributions
- See or email Emily Eisbruch (emily@internet2.edu) for help setting up your Grouper contrib page
up a page for your institution to share your Grouper use case or case study? Please email grouper-info [at] internet2.edu

Brown University (Updated Feb. 2015) - Using Grouper with a broad array of applications.

California Polytechnic State University, San Luis Obispo - Browse Cal Poly's Grouper implementation.

Campus Crusade for Christ International - Includes info on the provisioning consumer and on deploying Grouper to multiple domains.

Carnegie Mellon University (Updated Nov. 2014) - Integrating Grouper with Google Apps and more.

Cardiff University - Grouper deployment at Cardiff University includes an ESB interface. (note: last updated in 2011)

Consortium GARR - (Added Oct. 2014) - Grouper for a centralized authorization system for multiple virtual organizations.

Duke University - Read up on Duke's Grouper deployment, including delegated access control in Active Directory.

Freie Universität Berlin - Unix group management extension to Grouper.

GEANT (Added June 2015) - Using Grouper for a Central Authorization System for the pan-European research and education community.

GIP RECIA - A public interest group in France uses Grouper with uPortal.

Lafayette College (Updated Aug. 2015) - Pilot Deployment with VPN use case.

LIGO - (Updated Oct. 2014) using Grouper to support multiple authorization scenarios for the an international virtual organization.

New York University - (Updated June 2015) Grouper deployment at NYU, including selective group exclusion when provisioning.

Newcastle University (Updated April 2014) - A video on how groups are structured, information on access control group membership, room booking, wireless access and more.

Northern Arizona University - See how Northern Arizona University integrated Grouper and uPortal.

Oregon State University (Updated June 2015) - using Grouper for video access, Canvas, and Google Apps.

Penn State University - (Updated Feb. 2015) Using Grouper with the Central Person Registry.
Community Feedback

https://spaces.internet2.edu/display/Grouper
https://spaces.internet2.edu/display/groupetrain