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

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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 mult

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 educati

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 organi

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

Newcastle University (Updated April 2014)- A video on how groups are structured, information on access control group
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.

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Community Feedback

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

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