Grouper Working Group

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Agenda

• Internet2 IPR, agenda bash
• Announcements
• Grouper v2.1 in brief
• Grouper roadmap
• Grouper UI planning
• Else

• Grouper & scim – wuwt?
• PSU provisioning experience
Grouper Training program

• We’re making videos!
• https://spaces.internet2.edu/display/Grouper/Grouper+Training
Latest addition to the community

• Unicon offers IT Services for Education, Specializing in Open Source
  • Cooperative Support Program for Grouper, Shibboleth, CAS, uPortal, uMobile, Sakai
  • Annual subscription, 4 levels, provides access to and funds dedicated support team who work directly with the open source projects
Summary of what's new in 2.1

- Grouper failover client
- Subject filter and attribute decorator
- Grouper installer
- Local entities
- More web service operations
- Loader can sync from LDAP to Grouper
- Misc other things
- PSP - Provisioning Service Provider
Grouper failover client

• Library for you to use
• Optional discovery over HTTPS
• Grouper client uses for WS / LDAP
• Requires multiple endpoints
• Behaves differently readonly vs read/write
• Grouper is now *always available*
• If endpoint gives error/timeout, try next one
• Remembers which servers have errors
Subject filter and attribute decorator

- Java interface. Based on who is querying:
  - To filter subject source results
  - To add or remove subject attributes
- e.g. students should only be resolvable by approved people/applications
- e.g. contact information attributes of a subject should only be resolvable by approved people/applications
Grouper installer

• Needs Java 6
• Download grouperInstaller.jar
• Run: java -jar grouperInstaller.jar
• It will:
  • ask you questions about your install
  • download grouper other software (tomcat, ant)
  • display all the commands it is doing so you can learn
  • install, configure API, loader, UI, WS, psp, and client
• Intended to be a quick-start, replaces Grouper QS
Local entities

• Modeled as a type of group which:
  • Cannot have members
  • Special attribute used as subject identifier
  • Displayed differently in the UI/WS
• If your IDM handles this you don't need them
• It's optional
• Secure, just like groups
  • Only seen by approved users
• e.g. system id's, schemas, kerberos principals...
More web service operations

• New operations for attributes/permissions
• Search for attribute/permission names
  • Includes listing permission name inheritance
• Create attribute/permission name
• Delete attribute/permission name
• (Un)assign permission name inheritance
Loader can sync LDAP to Grouper

- **Simple**
  - LDAP filter returns a list of member ID's

- **List of Groups with attribute of members**
  - LDAP filter returns a list of groups which have a "hasMember" attribute or something which lists member ID's

- **List of Groups by member attribute**
  - LDAP filter returns members which have an attribute "memberOf" or "affiliation" or "entitlement" or something which indicates which group put the member in
Misc other things new in 2.1

• Upgrade of Hibernate to 3.6.7
  • Some other libraries were upgraded too
• Consolidated two ldap sources, uses vt-ldap
• Simplified caching (1 controller, 1 config file)
• JSONP support for Grouper-WS
• Group source adapter efficiency: one query
• Can encrypt passwords in more places
• Can customize how lite UI displays subjects
This PSP[0]

what does it do?

It syncs users and groups
from here to there
and there to here...

It might help you.

[0] Provisioning Service Provider, SPMLv2
(incomplete)
So PSP, what is new?

Rename,

refactor,

repeat.

Real-time, quite a feat.

LDAPPC

→ LDAPPCNG

→ PSP

②
Will it be good?
Will it last?
Like a home
made of wood
from the past?
Well... time will tell.
It needs work,
more than just me,
or maybe
something else entirely...
Forgerock,
Syncope,
?
What do you think?
What else should I say?
If you want to know more,
be like a kid,
and come out and play.
Now is a good time
to make it our way.
to show us the way.
Grouper Product Roadmap

Grouper UI design discussion

• https://spaces.internet2.edu/display/Grouper/Grouper+UI+redesign+v2.2