Grouper beginnings at the University of Hawaii

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Getting Started with Grouper

- Designing the Stem, we kept it very simple:
  - auto (automatically generated institutional groups)
    - everyone
    - everyone@honolulu
    - faculty
    - students@manoa
  - custom (applications and individuals manage these)
    - uhsystem
      - banner
      - ohr
  - test (applications and individuals test here)
    - mhodges (developer's UH Username)

Getting Started with Grouper

- First Pilot Project, make an auditor happy
  - Utilize Grouper groups to enhance our daily termination reports.
  - Reports are sent daily to each of the ERP account administrators (and others).
  - Problem: They each try and sift through the haystack for Usernames, and sometimes miss.
  - Solution: each account admin maintains a Grouper group. The termination reports include only those of interest. Everyone is happier.
  - The pilot is a success.

Getting Started with Grouper

- Second Pilot Project, augment LISTSERV lists
  - Automate membership of the UH Hilo Fac/Staff campus-wide discussion LISTSERV list.
  - Problem: Some people consider the list to be ham, others spam.
  - Solution: Allow the campus list administrator to augment an "auto" list using Grouper "inclusion" and "exclusion" groups.
  - We (IAM) populate the "auto" group for the campus and perform the Grouper math (auto + inclusion – exclusion) to rebuild the list, nightly.

Going Places with Grouper

- Expand the Augmented LISTSERV lists pilot
  - Provide Group Administration tools
    - Friendly interface for managing inclusion/exclusion group membership.
    - Support group functionality for enabling/disabling:
      - Reflection to LISTSERV lists (in the near future)
      - Reflection to Sakai groups, Google groups, etc.
      - End-user options (none vs. opt-in/out)
  - Provide End-User tools
    - Provide users with a personal list of auto groups/reflections so that they can opt in/out of each.

Going Places with Grouper

- Support more institutional groups
  - Expand the "auto" groups to include additional institutional groups: students by major, program; departments for each campus; etc.

- Evangelize (middleware rocks!!!)
  - Leverage our UH Applications Developers forum to share, educate, and inspire others in IT to leverage this and other tools being developed to support authentication, authorization, and utilization of middleware in general.