Opportunities and Challenges implementing Grouper

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Identity and Access Management
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Background

- 600K active people
- Medical center, 19 schools and colleges united by a football team
- Support for ad hoc email groups, but nothing to facilitate departmental groups or access control in departments
Challenges

- Defining and organizing base groups
  - Multiple affiliations
  - Every department has a different definition of "my department"

- Complex data formats in LDAP
  - Data designed for consumption by our IDM system not easily parsed by LDAP loader
    
    {campus=UM_ANN-ARBOR}:{deptId=181500}:{deptGroup=COLLEGE_OF_LSA}:{deptDescription=LSA UG: English Language Inst}:{deptGroupDescription=College of Lit, Science & Arts}:{deptVPArea=PRVST_EXC_VP_ACA_AFF}

- Batch jobs

- Shifting paradigms in service deployment

- Heavy demand for IAM resources
Opportunities

- Institutional data is rife with possibilities
  {jobCategory=Staff}:{campus=UM_ANN-ARBOR}:{deptId=481403}:{deptGroup=ITS_IIA}:{deptDescription=ITS Sec Svcs ID & Access Mgt}:{deptGroupDescription=ITS Infrastrc & Info Assurance}:{deptVPArea=VP_INFO_TECHNOLOGY}:{jobcode=101908}:{jobFamily=210}:{emplStatus=A}:{regTemp=R}:{supervisorId=12345678}:{tenureStatus=NA}:{jobIndicator=P}

- User Benefits
  - Automatically updated membership based on gaining/losing job roles or other affiliations
  - Single point of management that can interface with multiple systems

- Common Good Solutions
  - Meet your neighbors, pay your taxes!