



18-April-2011, Spring Member Meeting

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# What's new with Grouper

# Agenda

- Member searching and sorting
- Point in time auditing
- Demo of member searching and sorting in UI.
- Demo of point in time auditing using web services



# **Member searching and sorting**

# Current problem

- Grouper has limited information on Subjects.
- Unable to effectively sort the members of a group without taking a performance hit.
- Unable to quickly and easily search for people in a group.

# Solution

- Allow Grouper to store up to 5 attributes for sorting and 5 attributes for searching for each subject.
- Sort and search attributes are updated when subjects are resolved in Grouper.

# Security

- Each sort and search field can be configured to restrict access based on a group.
- Useful if some fields contain private information.

# Example

	sort0	sort1	sort2	search0	search1
Person source	displayName	sn	uid	displayName, uid, ou	uid, ou
Group source	displayName	null	null	name, displayName	name, displayName

sort0 = Sort by Name

sort1 = Sort by Last Name

sort2 = Sort by Login Id

search0 = Default search for privileged users

search1 = Default search for all other users



**Point in time audit**



# What does point in time audit tell you?

- Query the state of Grouper at a specific point in time.
- Memberships
  - Was person X a member of group Y on a given date?
  - Who were all the members of a group on date X or between date X and date Y?
  - What groups was person X a member of on a given date?

# What does point in time audit tell you?

- Permissions
  - Did person X have read permission on resource Y on a given date?
  - How has person X's permissions for resource Y changed over time?

# What does point in time audit tell you?

- Attributes
  - What were all the attributes assigned to a group in the past?
  - What values did an attribute have in the past?



## **What's new with Grouper**

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