Grouper LDAP provisioner tasks

This page is for the Grouper Development Team

Name	Description	Date	Status
LDAP container	Document how to run LDAP container for unit tests		DONE
LDAP container data	Populate the LDAP container with users and groups. We can have various OU's for various situations		DONE
Grouper subject source for LDAP	Unit test subject override map source to connect to LDAP		DONE
Refactor group dn config	Maybe we need a parent DN, the bushy or flat, and the translation from group to cn		
Simple group membership provisioner full sync, synchronous	Provision subject IDs to a group attribute in LDAP. Assume groups already exist		
LDAP provisioning diagnostics	Add some configs needed for this, then have a diagnostics page (like subject API diagnostics) to run through configs and make sure valid (without doing a full sync)		
isActiveDirectory	Is this in the LDAP config? Remove from LDAP provisioning config? Drive other defaults from this		
Simple user attribute provisioner full sync, synchronous	Provision group names to a user attribute in LDAP. Assume users already exist		
Verify sync table cache attributes	Verify the memberFromId2, groupToId3, etc attributes		
Link up the full sync to the sync table jobs and logs	Make sure the status of the group is logged to the correct tables		
Subject API link for group memberships	Look up subject in subject source and get an attribute to use for group membership list		
Subject API link for user attributes	Look up subject in subject source and get an attribute to use for looking up user in ldap		
Ensure subject attribute is cached in sync tables	Ensure the subject attribute is cached in sync tables		
Ensure subject attribute set by USDU	Ensure USDU run will process all subjects and set attributes in sync tables		
Target user link	Look up target subject before provisioning group memberships. Provision based on user attribute		
Ensure target user link cached in sync tables	Target user link should be cached in sync tables		
Target group link	Look up target group before provisioning user attributes. Provision based on group attribute		
Ensure target group link cached in sync tables	Target group link should be cached in sync tables		
userSearchAttributes	Ensure the correct attribute are retrieved by ldap, or the default ones (ones we know about)		
createMissingUsers	If false, and not exist, error. Create users as needed using the user LDIF. Document which objects are available and merge helper methods from the PSPNG util to the grouper util helper var?		
userAttributesMultivalued	Why do we need this? When creating users?		
createMissingGroups	If false, and not exist, error. Create groups as needed using the group LDIF. Document which objects are available.		
groupAttributesMultivalued	Why do we need this? When creating groups?		
deleteInTargetIfInTargetAndNotGrouper	Grouper is system of record		
deleteInTargetIfDeletedInGrouper	How do we do this? Incremental or PIT if deleted in last day? Might need to adjust the workflow to accommodate if full sync and group deletes		
Review all configs and make sure implemented	Make sure all other configs are either implemented or on the below list		
membershipFields	Get grouper data from other fields (members, admin, managers, readers)		
Error handling with cache	Make sure the logic uses cached values unless there is an error, then resolve everything from scratch		
Subject sources to provision	Make a duplicate subject source and make sure the provisioner only provisions configured sources		
Allow clean subject link in full provisioning	Pass flag from UI in full sync message to resolve all subjects		