

Grouper LDAP provisioner startWith scaffolding

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Start with: Common LDAP pattern

First six fields can show one at a time when the previous is filled in

1. LDAP external system ID (required)
2. LDAP pattern: drop down with options below (show after external system selected)
 - a. activeDirectoryGroups
 - i. make sure the external system is marked as active directory
 - ii. init start with membership structure to groupAttributes
 - iii. init start with group object class to: top.group
 - iv. init start with group membership attribute to: member
 - v. init start with membershipDn to true
 - vi. default start with to bushy type group structure
 - b. bushyGroupsWithMembershipDNs
 - i. init start with membership structure to groupAttributes
 - ii. init start with group organization to bushy
 - iii. init start with membershipDn to true
 - c. bushyGroupsWithMembershipSubjectIds
 - i. init user attribute type: core
 - ii. init start with membership structure to groupAttributes
 - iii. init start with group organization to bushy
 - iv. init start with membershipDn to false
 - v. init start with membershipValue to subjectId
 - d. flatGroupsWithMembershipDNs
 - i. init start with membership structure to groupAttributes
 - ii. init start with group organization to flat
 - iii. init start with membershipDn to true
 - e. flatGroupsWithMembershipSubjectIds
 - i. init user attribute type: core
 - ii. init start with membership structure to groupAttributes
 - iii. init start with group organization to flat
 - iv. init start with membershipDn to false
 - v. init start with membershipValue to subjectId
 - f. groupOfNames
 - i. init start with membership structure to groupAttributes
 - ii. init start with group object class to: top.groupOfNames
 - iii. init start with group membership attribute to: member
 - iv. init start with membershipDn to true
 - g. other
 - i. proceed with screen
 - h. posixGroupsWithMembershipDNs
 - i. init start with membership structure to groupAttributes
 - ii. init start with group object class to: top.posixGroup
 - iii. init start with group membership attribute to: member
 - iv. init start with membershipDn to true
 - v. init start with idIndex attribute to gidNumber
 - i. posixGroupsWithMembershipSubjectIds
 - i. init start with membership structure to groupAttributes
 - ii. init start with group object class to: top.posixGroup
 - iii. init start with group membership attribute to: memberUid
 - iv. init start with idIndex attribute to gidNumber
 - v. init start with membershipValue to subjectId
 - j. usersWithEduPersonAffiliations
 - i. init start with membership structure to entityAttributes
 - ii. init start with membershipDn to false
 - iii. init start with membership attribute name to eduPersonAffiliation
 - iv. init start with membershipValue to extension
 - k. usersWithEduPersonEntitlements
 - i. init start with membership structure to entityAttributes
 - ii. init start with membershipDn to false
 - iii. init start with membership attribute name to eduPersonEntitlement
 - iv. init start with membershipValue to name
 - l. usersWithMembershipGroupExtensions
 - i. init start with membership structure to entityAttributes
 - ii. init start with membershipDn to false
 - iii. init start with membershipValue to extension
 - m. usersWithMembershipGroupNames
 - i. init start with membership structure to entityAttributes
 - ii. init start with membershipDn to false

- iii. init start with membershipValue to name
- 3. User attributes type: drop down with options, required (show after ldap pattern)
 - a. Only uses built in core attributes e.g. subjectId, subjectIdentifier0-2, email, name, description or translations of those (value: core)
 - b. Needs other subject source attributes (value: subjectSource)
 - c. Needs a SQL or LDAP filter, but not other subject attributes. If LDAP this is a different LDAP than the LDAP provisioning to (value: entityResolver)
 - d. Needs subject source attributes and SQL or LDAP filter. If LDAP this is a different LDAP than the LDAP provisioning to (value: subjectSourceAndEntityResolver)
- 4. Membership structure (required no default, show when user attributes type filled in), groupAttributes or entityAttributes
- 5. membershipValue is DN? (true/false, required, no default, show after membership structure selected) (show rest of form after this filled in)
- 6. Group organization: bushy or flat (drop down required no default) (if groupAttributes membershipStructure) (show after membershipValueDn selected)
- 7. if (user attribute type is subjectSource or subjectSourceAndEntityResolver)
 - a. list those attributes and validate against subject source (textfield, comma separated attributes, required)
- 8. if (not groupAttributes and not membershipValueDN), ask if need group link for another reason (boolean default false)
- 9. if (groupLink or groupAttributes or membershipValueDN): LDAP group info
 - a. group base OU, and validate against LDAP (required textfield)
 - b. what attribute is RDN for groups? (add to attribute list if not in there) (required textfield)
 - c. what is RDN value for groups? drop down required: extension, extensionUnderscoreIdIndex, idIndex, name, nameBackwardsUnderscoreMax64, other, script, uuid
 - d. (if groupAttributes) membership attribute name
 - i. (if not membershipValueDN): membership value (drop down required) (other, script, subjectId, subjectIdentifier0, subjectIdentifier1, subjectIdentifier2)
 - e. idIndex attribute: (optional textfield, add to attribute list if not in there)
 - f. matching search attribute different than RDN or idIndex? boolean default false
 - g. if (matching search attribute different than RDN or idIndex) matching search attribute name (textfield required)
 - h. if (matching search attribute different than RDN or idIndex) matching search attribute value (dropdown required: extension, idIndex, name, other, script, uuid)
 - i. object classes for groups (optional textfield, comma separated)
 - j. list other group ldap attributes (not configured yet): (optional textfield comma separated)
 - k. ask if allow group DN override (boolean default false)
- 10. if (not entityAttributes and not membershipValueDN), ask if need entity link for another reason (boolean default false)
- 11. if membershipValueDN or entityLink or entityAttributes: LDAP entity info
 - a. entity base OU, and validate against LDAP (required textfield)
 - b. change entities in LDAP (besides entity attribute if doing entity attributes)? (boolean default false)
 - c. (if change entities) RDN attribute for entities (required textfield)
 - d. (if change entities) RDN value for entities (drop down required) (other, script, subjectId, subjectIdentifier0, subjectIdentifier1, subjectIdentifier2)
 - e. (if entityAttributes) membership attribute name
 - i. (if not membershipValueDN): membership value (drop down required) (dropdown required: extension, idIndex, name, other, script, uuid)
 - f. (if change entities) matching search attribute different than RDN? boolean default false
 - g. (if not change entities or matching search attribute different than RDN) matching/search attribute name (required textfield)
 - h. (if not change entities or matching search attribute different than RDN) matching/search attribute value (drop down required) (other, script, subjectId, subjectIdentifier0, subjectIdentifier1, subjectIdentifier2)
 - i. object classes for entities (optional textfield, comma separated)
 - j. list other entity ldap attributes (not configured yet): (optional textfield)
 - k. if entityAttributes and not membershipValueDN, ask if allow membership value override (boolean default false)
- 12. add disabled full sync daemon? boolean default to true
- 13. add disabled incremental sync daemon? boolean default to true