

Grouper rules pattern - Veto if new membership is not a group or in certain subject sources

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Grouper rules

For a policy group, make sure the subject added to the group is a group, not individuals

Add this rule to the group where the membership is added. Todo: Add an if condition enum to check membership source. Instead of checking if it's a group, check to see if it's in the list of allowed sources and out of denied sources.

GSH example

```
groupSession = GrouperSession.startRootSession();
ruleGroup = GroupFinder.findByName(groupSession, "test:testGroup", true);
AttributeAssign attributeAssign = ruleGroup.getAttributeDelegate().addAttribute(RuleUtils.
ruleAttributeDefName()).getAttributeAssign();
AttributeValueDelegate attributeValueDelegate = attributeAssign.getAttributeValueDelegate();
attributeValueDelegate.assignValue(RuleUtils.ruleActAsSubjectSourceIdName(), "g:isa");
attributeValueDelegate.assignValue(RuleUtils.ruleActAsSubjectIdName(), "GrouperSystem");
attributeValueDelegate.assignValue(RuleUtils.ruleCheckTypeName(), RuleCheckType.membershipAdd.name());
attributeValueDelegate.assignValue(RuleUtils.ruleIfConditionElName(), "\${safeSubject.sourceId != 'g:gsa'}");
attributeValueDelegate.assignValue(RuleUtils.ruleThenEnumName(), RuleThenEnum.veto.name());
attributeValueDelegate.assignValue(RuleUtils.ruleThenEnumArg0Name(), "rule.entity.must.be.a.group");
attributeValueDelegate.assignValue(RuleUtils.ruleThenEnumArg1Name(), "Entity must be a group");
String isValidString = attributeValueDelegate.retrieveValueString(RuleUtils.ruleValidName());
if (!GrouperUtil.equals("T", isValidString)) {throw new RuntimeException(isValidString);}
```