

Grouper rules pattern - Add self privileges to new groups

If you want members in a group to be able to read the memberships (or other privileges) of the group (and view that it exists), then you can put a rule on a folder so that new groups will have a privilege assigned so that the group itself is assigned to be a READER of the group

Add this rule to the folder where the group is created.

Configure rule for v5+

The screenshot shows the Grouper web interface for the 'test2' folder. The breadcrumb path is 'Home > Root > test2'. The folder name 'test2' is displayed with a folder icon. There are buttons for 'Edit folder' and 'Folder actions'. Below the folder name is a 'Show details' dropdown. There are tabs for 'Folder contents', 'Privileges', and 'More'. The 'Folder rules' section is active, showing a 'Documentation' link and a 'Rules actions' button. The rule configuration is as follows:

- Rule pattern:** 'Add self privileges to new groups' (with a red star icon). Below it, a note says 'Type of rule that solves an existing use case with a certain action, condition, and result.'
- Privileges to add:** 'read,admin' (with a red star icon). Below it, a note says 'Comma separated privileges to assign. e.g. read, admin, update, view, optin, optout, groupAttrRead, groupAttrUpdate'.
- Folder scope:** 'All groups in this folder or subfolders' (with a red star icon). Below it, a note says 'Select 'All' for everything in this folder and subfolders (most common). Otherwise, it only applies to objects directly in this folder.'

At the bottom of the rule configuration are 'Save' and 'Cancel' buttons.

Configure rule for v4 and previous

TODO: Change for Enum ***assignSelfGroupPrivilege***

```
grouperSession = GrouperSession.startRootSession();
folder = StemFinder.findByName(grouperSession, "testFolder");
AttributeAssign attributeAssign = folder.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.groupCreate.name());
attributeValueDelegate.assignValue(RuleUtils.ruleCheckStemScopeName(), Stem.Scope.SUB.name());
attributeValueDelegate.assignValue(RuleUtils.ruleThenElName(), "${ruleElUtils.assignGroupPrivilege(groupId, 'g:
gsa', groupId, null, 'read')}");
```