

# Grouper rules pattern - Add disabled date on membership

|                           |                                               |                                |                                          |                                         |                                              |
|---------------------------|-----------------------------------------------|--------------------------------|------------------------------------------|-----------------------------------------|----------------------------------------------|
| <a href="#">Wiki Home</a> | <a href="#">Grouper Release Announcements</a> | <a href="#">Grouper Guides</a> | <a href="#">Grouper Deployment Guide</a> | <a href="#">Community Contributions</a> | <a href="#">Internal Developer Resources</a> |
|---------------------------|-----------------------------------------------|--------------------------------|------------------------------------------|-----------------------------------------|----------------------------------------------|

## Grouper rules

For reprieve groups (e.g. for status or training or two step), when added to group, maybe you want an automatic 7 day in future end date on membership

Add this rule to a group where the membership is added and should have disabled date.

## Configure rule for v5+

The screenshot shows the Grouper web interface for group 'test1'. The breadcrumb trail is 'Home > Root > test > test1'. The group name 'test1' is displayed with a 'Show details' link. Below this are tabs for 'Members', 'Privileges', and 'More'. The 'Group rules' section is active, showing a 'Rule pattern' dropdown set to 'Add disabled date on membership' with a red asterisk. Below this is a text area with the placeholder 'Type of rule that solves an existing use case with a certain action, condition, and result.' The 'Expire after X days' field is set to '7' with a red asterisk. A note below this field states: 'Enter the number of days in the future when the membership should be disabled, e.g. 7 means the membership will last one week.' At the bottom are 'Save' and 'Cancel' buttons.

## Configure rule for v4 and previous

### GSH example to assign and test. Set the group name and days to expire at the top

Note: the end of the script adds GrouperSystem to the group, sees the expire date, and then removed GrouperSystem. If you dont want to do that, then remove that part starting at group.addMember().

```
String groupName = "penn:apps:ngss:knowledgeLink:prod:ngssProdHasTakenTrainingReprive";
String expireAfterDays = "7";
grouperSession = GrouperSession.startRootSession();
group = GroupFinder.findByName(grouperSession, groupName);
AttributeAssign attributeAssign = group.getAttributeDelegate().addAttribute(RuleUtils.ruleAttributeDefName()).
getAttributeAssign();
AttributeValueDelegate attributeValueDelegate = attributeAssign.getAttributeValueDelegate();
attributeValueDelegate.assignValue(RuleUtils.ruleActAsSubjectSourceIdName(), SubjectFinder.findRootSubject().
getSourceId());
attributeValueDelegate.assignValue(RuleUtils.ruleActAsSubjectIdName(), SubjectFinder.findRootSubject().getId());
attributeValueDelegate.assignValue(RuleUtils.ruleCheckTypeName(), RuleCheckType.membershipAdd.name());
attributeValueDelegate.assignValue(RuleUtils.ruleThenEnumName(), RuleThenEnum.
assignMembershipDisabledDaysForOwnerGroupId.name());
attributeValueDelegate.assignValue(RuleUtils.ruleThenEnumArg0Name(), expireAfterDays);
attributeValueDelegate.assignValue(RuleUtils.ruleThenEnumArg1Name(), "F");
attributeValueDelegate.assignValue(RuleUtils.ruleValidName(), "T");
String isValidString = attributeValueDelegate.retrieveValueString(RuleUtils.ruleValidName());
if (!"T".equals(isValidString)) {throw new RuntimeException("Not valid! " + isValidString);}
group.addMember(SubjectFinder.findRootSubject());
Member member = MemberFinder.findBySubject(grouperSession, SubjectFinder.findRootSubject(), true);
Membership membership = group.getImmediateMembership(Group.getDefaultList(), member, true, true);
java.sql.Timestamp disabledTime = membership.getDisabledTime();
group.deleteMember(SubjectFinder.findRootSubject());
if (disabledTime == null) {throw new RuntimeException("Rule didnt set the disabled time");}
```



More actions ▾

## ngssProdHasTakenTrainingReprive

Add users here temporarily to circumvent the training requirements (e.g. give them some time to take the training and for it to trickle through the various systems) Add user to group, the membership will automatically expire in a week. Ask the user to complete the training in 5 days so the data has time to flow back to Grouper. This is the training url to take the training: <https://tinyurl.com/ngssFerpa>

More ▾

Members

Privileges

More ▾

Attribute assignments

+

Assign attribute

The following table lists all attributes assigned to this group

| Assignment type        | Attribute name                                                                                               | Enabled? | Assignment values                             | Attribute definition                                                                               | Choose action |
|------------------------|--------------------------------------------------------------------------------------------------------------|----------|-----------------------------------------------|----------------------------------------------------------------------------------------------------|---------------|
| Direct assignment      |  rule                     | enabled  |                                               |  rulesTypeDef | Actions ▾     |
| Metadata on assignment |  ruleActAsSubjectId       | enabled  | GrouperSystem ▾                               |  rulesAttrDef | Actions ▾     |
| Metadata on assignment |  ruleActAsSubjectSourceId | enabled  | g:isa ▾                                       |  rulesAttrDef | Actions ▾     |
| Metadata on assignment |  ruleCheckType            | enabled  | membershipAdd ▾                               |  rulesAttrDef | Actions ▾     |
| Metadata on assignment |  ruleThenEnum             | enabled  | assignMembershipDisabledDaysForOwnerGroupId ▾ |  rulesAttrDef | Actions ▾     |
| Metadata on assignment |  ruleThenEnumArg0         | enabled  | 7 ▾                                           |  rulesAttrDef | Actions ▾     |
| Metadata on assignment |  ruleThenEnumArg1         | enabled  | F ▾                                           |  rulesAttrDef | Actions ▾     |
| Metadata on assignment |  ruleValid                | enabled  | T ▾                                           |  rulesAttrDef | Actions ▾     |



# ngssProdHasTakenTrainingReprieve

[+ Add members](#)[More actions ▾](#)

Member name or ID:

Enter an entity name or ID, or [search for an entity](#).

Assign these privileges:

☒ Default privileges ☐ Custom privileges

[Add](#) or import a list of members .

Add users here temporarily to circumvent the training requirements (e.g. give them some time to take the training and for it to trickle through the various systems) Add user to group, the membership will automatically expire in a week. Ask the user to complete the training in 5 days so the data has time to flow back to Grouper. This is the training url to take the training: <https://tinyurl.com/ngssFerpa>

[More ▾](#)

Members

Privileges

[More ▾](#)

The following table lists all entities which are members of this group.

Filter for:

Enabled / disabled:

Point in time audit:

[Apply filter](#)

[Reset](#)

[Remove selected members](#)

| <input type="checkbox"/> | Entity name ▾ | Status  | Enabled date | Disabled date | Membership | Choose action             |
|--------------------------|---------------|---------|--------------|---------------|------------|---------------------------|
| <input type="checkbox"/> | Chris Hyzer   | Enabled |              | 2019/07/25    | Direct     | <a href="#">Actions ▾</a> |

Show:

Showing 1-1 of 1 · [First](#) | [Prev](#) | [Next](#) | [Last](#)