

Grouper rules pattern - Assign attribute to group

This is here for historical purposes.

If a group is created somewhere in an "etc" or "ref" folder, add the do_not_provision_to attribute with values of "ad" and "ldap"

Note, make sure you are not using "smart quotes or dashes". You can disable these in a Mac in Preferences->keyboard-text.

Setup

First off you need GrouperSystem to be able to access the API in rules:

grouper.properties:

```
# configure some group
rules.accessToApiInEl.group = etc:hasAccessToApiInEl
```

put GrouperSysAdmin in that group:

Home > Root > etc > hasAccessToApiInEl

hasAccessToApiInEl

More ▾

+ Add members

More actions ▾

Members Privileges More ▾

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

Filter for: All members ▾

Member name

Apply filter **Reset**

Remove selected members

<input type="checkbox"/> Entity name ▾	Membership	Choose action
<input type="checkbox"/> GrouperSysAdmin	Direct	Actions ▾

Show: 50 ▾

Showing 1-1 of 1 · First | Prev | Next | Last

Example1: UI example of a multi-assign single-valued attribute (this IS what PSPNG does)

Create a rule on some ancestor folder:

Home > Root > root > app

app

Edit folder
More actions ▼

The app folder contains folders which contain resources for enterprise services. For example there might be a "vpn" or "wiki" folder in the "app" folder.

More ▼

Folder contents
Privileges

Attribute Assignments

+ Assign attribute

The following table lists all attributes assigned to this folder

Assignment type	Attribute name	Enabled?	Assignment values
Direct assignment	rule	enabled	
Metadata on assignment	ruleActAsSubjectId	enabled	GrouperSystem ▼
Metadata on assignment	ruleActAsSubjectSourceId	enabled	g:isa ▼
Metadata on assignment	ruleCheckStemScope	enabled	SUB ▼
Metadata on assignment	ruleCheckType	enabled	groupCreate ▼
Metadata on assignment	ruleIfConditionEl	enabled	\${groupName.contains(":etc:") groupName.contains(":ref:")} ▼
Metadata on assignment	ruleThenEl	enabled	\${ { group.getAttributeValueDelegate().assignValueString("etc:pspng:do_not_provision_to", "ldap"); group.getAttribut
Metadata on assignment	ruleValid	enabled	T ▼

Text: note: there are two sets of curlies because if you have multiple statements you need to put them in another set of curlies

```

rule
ruleActAsSubjectId      GrouperSystem
ruleActAsSubjectSourceId g:isa
ruleCheckStemScope      SUB
ruleCheckType           groupCreate
ruleIfConditionEl        ${groupName.contains(":etc:") || groupName.contains(":ref:")}
ruleThenEl               ${ { group.getAttributeValueDelegate().assignValueString("etc:pspng:
do_not_provision_to", "ldap"); group.getAttributeDelegate().addAttributeByName("etc:pspng:do_not_provision_to").
getAttributeAssign().getValueDelegate().assignValueString("ad"); }}
ruleValid                T

```

If I create a group in that parent folder in an "etc" or a "ref" folder, it will get some attributes

Home > New group

New group

Create in this folder:

root:app:wiki:etc

Enter a folder name or [search for a folder where you are allowed to create new groups](#).

Group name:

test2

Name is the label that identifies this group, and might change.

Group ID:

test2

☐ Edit the ID

ID is the unique identifier for this group. It should be short and simple, and might have character restrictions. The ID should rarely change, if ever.

Description:


Description contains notes about the group, which could include: what the group represents, why it was created, etc.

Show advanced properties ▾

Save

Cancel

Home > Root > root > app > wiki > etc > test2

 test2

More actions ▾





More ▾

MembersPrivilegesMore ▾

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	 do_not_provision_to	enabled	ldap ▾	 do_not_provision_to_def	Actions ▾
Direct assignment	 do_not_provision_to	enabled	ad ▾	 do_not_provision_to_def	Actions ▾

Example2: UI example of a single-assign multi-valued attribute (this is NOT what PSPNG does)

Create a rule on some ancestor folder:

Home > Root > root > app

app

The app folder contains folders which contain resources for enterprise services. For example there might be a "vpn" or "wiki" folder in the "app" folder.

More

Folder contents

Privileges

Attribute Assignments

+ Assign attribute

The following table lists all attributes assigned to this folder

Assignment type	Attribute name	Enabled?	Assignment values	Attribute definition	Choose action
Direct assignment	rule	enabled		rulesTypeDef	Actions
Metadata on assignment	ruleActAsSubjectId	enabled	GroupersSystem	rulesAttrDef	Actions
Metadata on assignment	ruleActAsSubjectSourceId	enabled	g:isa	rulesAttrDef	Actions
Metadata on assignment	ruleCheckStemScope	enabled	SUB	rulesAttrDef	Actions
Metadata on assignment	ruleCheckType	enabled	groupCreate	rulesAttrDef	Actions
Metadata on assignment	ruleIfConditionEl	enabled	\${groupName.contains(":etc:") groupName.contains(":ref:")}	rulesAttrDef	Actions
Metadata on assignment	ruleThenEl	enabled	\${ { group.getAttributeValueDelegate().addValueString("etc:pspng:do_not_provision_to", "ldap"); group.getAttributeValueDelegate().addValueString("etc:pspng:do_not_provision_to", "ad"); } }	rulesAttrDef	Actions
Metadata on assignment	ruleValid	enabled	T	rulesAttrDef	Actions

Text: note: there are two sets of curlies because if you have multiple statements you need to put them in another set of curlies

```

rule
ruleActAsSubjectId      GrouperSystem
ruleActAsSubjectSourceId g:isa
ruleCheckStemScope      SUB
ruleCheckType           groupCreate
ruleIfConditionEl       ${groupName.contains(":etc:") || groupName.contains(":ref:")}
ruleThenEl              ${ { group.getAttributeValueDelegate().addValueString("etc:pspng:do_not_provision_to",
"ldap"); group.getAttributeValueDelegate().addValueString("etc:pspng:do_not_provision_to", "ad"); } }
ruleValid               T

```

If I create a group in that parent folder in an "etc" or a "ref" folder, it will get some attributes

New group

Create in this folder: root:app:wiki:etc

Enter a folder name or [search for a folder where you are allowed to create new groups](#).

Group name: test8

Name is the label that identifies this group, and might change.

Group ID: test8

☐ Edit the ID

ID is the unique identifier for this group. It should be short and simple, and might have character restrictions. The ID should rarely change, if ever.

Description:

Description contains notes about the group, which could include: what the group represents, why it was created, etc.

[Show advanced properties](#) ▾

Save

Cancel



More actions ▾

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	do_not_provision_to	enabled	ldap ▾ ad ▾	do_not_provision_to_def	Actions ▾