

Grouper attribute framework attributes editable in group edit screen

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This is a feature in v2.6.8+ that allows select attributes to be editable in group edit screen (similar to the legacy Grouper "admin ui")

This was requested by Brown as they upgrade their legacy UI and keep a similar experience for users.

This also allows the attributes to be viewable on the group screen under "details"

When to use this:

- If the use case is at all provisioning related, consider using "[provisioning metadata](#)" which is a very similar concept and experience
- If you need to use this for provisioning please contact the Grouper team about the use case

Demo edit



Edit group

Group name:

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

Group 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.

Alternate ID path:

Alternate ID path allows groups to be searchable using an alternate name. The format is the same as the format of ID path.

Description:

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

Enabled date:

When this group will be enabled if the time is in the future

Disabled date:

When this group will be disabled if the time is in the future

Azure require MFA: ☒

Check this box to require users in the group to have MFA required in Azure. This rollout is based on org. Users should have time to migrate and ensure their clients support MFA and do not get locked out.

Azure MFA date:

yyyy/mm/dd date of when users in this group will be required to use MFA in Azure. The date format is required.

[Show advanced properties](#) ▾

Save

Cancel



Demo view

Home > Root > test > group1

group1

+ Add members

Group actions ▼

Name:	group1
Path:	test.group1
ID path:	test.group1
Alternate ID path:	
ID:	group1
Created:	Tue Mar 1 2:17:55 PM EST 2022
Creator:	GrouperSysAdmin
Last edited:	Tue Mar 1 2:17:55 PM EST 2022
Last edited by:	GrouperSysAdmin
Type:	Group
Privileges assigned to everyone:	READ, VIEW
Composite owner:	This group is not a composite owner
Composite factor of other groups:	This group is not a direct composite factor of any other groups
ID index:	10021
UUID:	15f59b3ffa354dc88f2ca72ffc8eb91c
Azure require MFA:	true
Azure MFA date:	2022/05/01

Hide details ^

Members
Privileges
More ▼

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

Filter for:
All members ▼
Member name
Apply filter
Reset
Advanced

Save
Cancel

Applicable attributes

- Single assign marker attributes (no value) will be a checkbox
- Single assign single valued string attributes will be a textfield

Security

This uses stock group/attributeDef security

- If the user
 - can attributeRead on group
 - can read on attribute definition
 - then they will see the settings in the group view "details" section
- If the user

- can attributeRead and attributeUpdate on group (and they need admin on group to edit the group)
- can read and update on attributeDef
- then they can edit the attributes in the group edit screen

Configure

grouper.properties

```
#####
## Group types edit view
## Identify marker attributes or single valued string attributes to be viewed or edited on group screen
## "theConfigId" is the config ID of the attribute
#####

# attribute name that should be able to be seen on screen, e.g. a:b:c
# {valueType: "string"}
# groupScreen.attribute.theConfigId.attributeName =

# label on the left side of screen for attribute
# {valueType: "string"}
# groupScreen.attribute.theConfigId.label =

# description on the right side of screen for attribute
# {valueType: "string"}
# groupScreen.attribute.theConfigId.description =

# numeric index of the order of the attribute on the screen
# {valueType: "integer"}
# groupScreen.attribute.theConfigId.index =
```

Demo (from screenshot above)

Make an attribute definition for the marker

New attribute definition

Create in this folder: etc:attribute

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

Attribute definition ID: myMfaAzureMarkerDef

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

Description: This is for marking org groups which are required to use MFA in O365

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

Type: Attribute

Attribute definition type describes the attribute definition. Generally it will be attribute or permission. Type is used for templates, limit describes a permission, and service identifies which application the object refers to.

- Assign to:
- | | |
|---|---|
| <input type="checkbox"/> Attribute definition | <input type="checkbox"/> Attribute definition attribute assignment |
| <input type="checkbox"/> Folder | <input type="checkbox"/> Folder attribute assignment |
| <input checked="" type="checkbox"/> Group / Role / Local entity | <input type="checkbox"/> Group / Role / Local entity attribute assignment |
| <input type="checkbox"/> Member | <input type="checkbox"/> Member attribute assignment |
| <input type="checkbox"/> Membership | <input type="checkbox"/> Membership attribute assignment |
| <input type="checkbox"/> Membership - immediate only | <input type="checkbox"/> Membership - immediate only - attribute assignment |

Designate which types of objects that this definition can be assigned to. There are six base object types, or you can assign attributes to the assignment of attributes to those base object types. Membership can be assigned to an immediate or an effective membership, and will still exist as an orphan if the membership is unassigned until the membership is reassigned. Immediate membership attribute assignments are only assignable to immediate memberships and are automatically deleted once the membership is unassigned.

Multi-assignable: ☐

If this attribute can be assigned to the same owner object more than once. For instance, a Group can have more than one Rule attached to it, so the Rule attribute is multi-assignable

Value type: No value

If this attribute assignment holds one or more values, this is the type. If there are no allowed values, select No value.

[Show advanced properties](#) ▾

Save

Cancel

Make a name for that

Attribute name



myMfaAzure

Attribute name actions ▾

Description:	<p>This is for marking org groups which are required to use MFA in O365</p> <p>Description contains notes about the attribute name, which could include: what the attribute name represents, why it was created, etc.</p>
Attribute definition:	<p>⚙ myMfaAzureMarkerDef</p> <p>The attribute definition holds the settings and security for attribute. Each attribute definition can have multiple attribute names.</p>
Folder:	<p>📁 attribute</p> <p>Folder is the namespace where this attribute name resides.</p>
ID of attribute name:	<p>myMfaAzure</p> <p>ID is the unique identifier you set for this attribute name. The ID must be unique within this folder, and should rarely change. It can be used by other systems to refer to this attribute name. The ID field cannot contain spaces or special characters.</p>
Name of attribute name:	<p>myMfaAzure</p> <p>Name is the label that identifies this attribute name, and might change.</p>
Path:	<p>etc:attribute:myMfaAzure</p> <p>Path is the name of all folders and the attribute name, and might change.</p>
ID path:	<p>etc:attribute:myMfaAzure</p> <p>ID path is the ID of all folders and the attribute name, and should rarely change.</p>

Make an attribute with a value

New attribute definition

Create in this folder:

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

Attribute definition ID:

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

Description:

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

Type:

Attribute definition type describes the attribute definition. Generally it will be attribute or permission. Type is used for templates, limit describes a permission, and service identifies which application the object refers to.

Assign to:

- | | |
|---|---|
| <input type="checkbox"/> Attribute definition | <input type="checkbox"/> Attribute definition attribute assignment |
| <input type="checkbox"/> Folder | <input type="checkbox"/> Folder attribute assignment |
| <input checked="" type="checkbox"/> Group / Role / Local entity | <input type="checkbox"/> Group / Role / Local entity attribute assignment |
| <input type="checkbox"/> Member | <input type="checkbox"/> Member attribute assignment |
| <input type="checkbox"/> Membership | <input type="checkbox"/> Membership attribute assignment |
| <input type="checkbox"/> Membership - immediate only | <input type="checkbox"/> Membership - immediate only - attribute assignment |

Designate which types of objects that this definition can be assigned to. There are six base object types, or you can assign attributes to the assignment of attributes to those base object types. Membership can be assigned to an immediate or an effective membership, and will still exist as an orphan if the membership is unassigned until the membership is reassigned. Immediate membership attribute assignments are only assignable to immediate memberships and are automatically deleted once the membership is unassigned.

Multi-assignable:

☐

If this attribute can be assigned to the same owner object more than once. For instance, a Group can have more than one Rule attached to it, so the Rule attribute is multi-assignable

Value type:

If this attribute assignment holds one or more values, this is the type. If there are no allowed values, select No value.

Multi-valued:

☐

If this attribute has values, if it can have more than one value assigned at once.

[Show advanced properties](#) ▾

Make a name for the value def

New attribute name

Attribute definition:



The attribute definition holds the settings and security for attribute. Each attribute definition can have multiple attribute names. Every attribute name is associated with one and only one attribute definition.

Folder:

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

Name of attribute name:



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

ID of attribute name:



Edit the ID *

ID is the unique identifier you set for this attribute name. The ID must be unique within this folder, and should rarely change. It can be used by other systems to refer to this attribute name. The ID field cannot contain spaces or special characters.

Description:

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

Save

Cancel

Configure those up in grouper.properties

```

# attribute name that should be able to be seen on screen, e.g. a:b:c
# {valueType: "string"}
groupScreen.attribute.azureMarker.attributeName = etc:attribute:myMfaAzure

# label on the left side of screen for attribute
# {valueType: "string"}
groupScreen.attribute.azureMarker.label = Azure require MFA:

# description on the right side of screen for attribute
# {valueType: "string"}
groupScreen.attribute.azureMarker.description = Check this box to require users in the group to have MFA
required in Azure. This rollout is based on org. Users should have time to migrate and ensure their clients
support MFA and do not get locked out.

# numeric index of the order of the attribute on the screen
# {valueType: "integer"}
groupScreen.attribute.azureMarker.index = 1

# attribute name that should be able to be seen on screen, e.g. a:b:c
# {valueType: "string"}
groupScreen.attribute.azureDate.attributeName = etc:attribute:myMfaAzureAttributeDate

# label on the left side of screen for attribute
# {valueType: "string"}
groupScreen.attribute.azureDate.label = Azure MFA date:

# description on the right side of screen for attribute
# {valueType: "string"}
groupScreen.attribute.azureDate.description = yyyy/mm/dd date of when users in this group will be required to
use MFA in Azure. The date format is required.

# numeric index of the order of the attribute on the screen
# {valueType: "integer"}
groupScreen.attribute.azureDate.index = 2

```

Now anyone with proper privileges can view the attributes on the group details screen or edit them in the group edit screen