# 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")

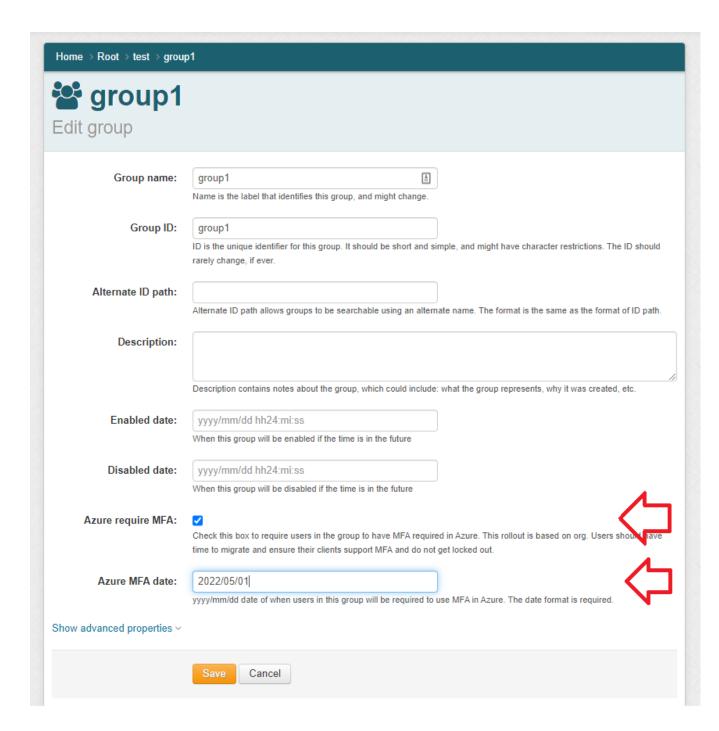
This was requested by Brown as they upgrade their legacy UI and keep a similar experience for users.

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

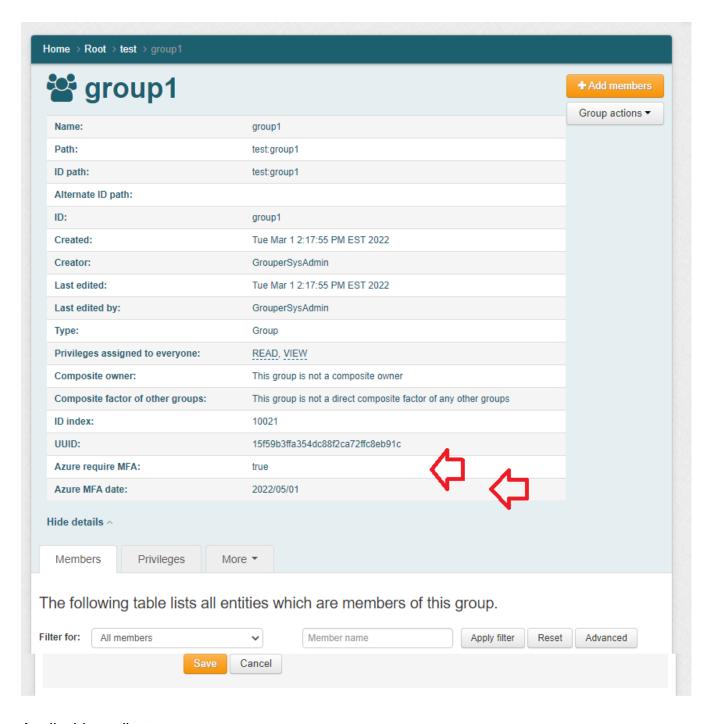
#### When to use this:

- 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



Demo view



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

- o can attributeRead and attributeUpdate on group (and they need admin on group to edit the group)
- o can read and update on attribute Def
- $^{\circ}$  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

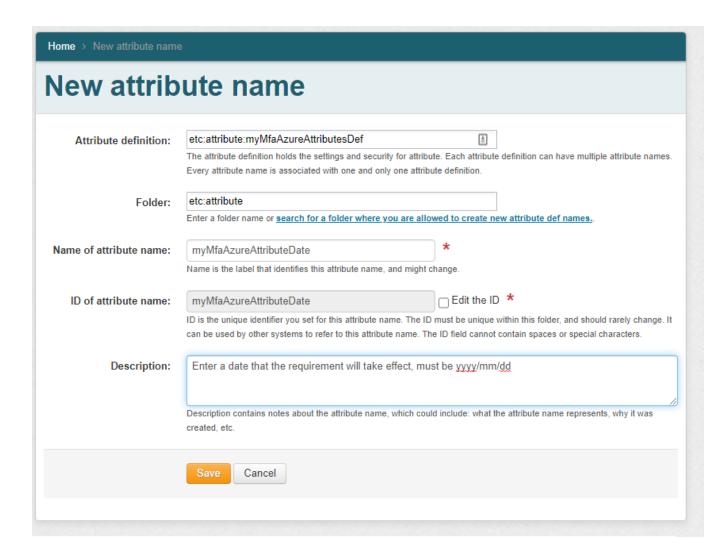
Home > New attribute defin	ition		
New attrib	ute definition		
Create in this folder:	etc:attribute  Enter a folder name or search for a folder where you are allowed to create new attribute definitions.		
Attribute definition ID:	myMfaAzureMarkerDef  ID is the unique identifier for this attribute definition. 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		
Туре:	Attribute  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:	Attribute definition		
Multi-assignable:	Immediate membership attribute assignments are only assignable to immediate memberships and are automatically deleted once the membership is unassigned.  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		

YH MANINES		
* <sub>\$</sub> mywna	Attribute name actions  Attribute name actions	
Description:	This is for marking org groups which are required to use MFA in O365  Description contains notes about the attribute name, which could include: what the attribute name represents, why it was created etc.	
Attribute definition:	myMfaAzureMarkerDef  The attribute definition holds the settings and security for attribute. Each attribute definition can have multiple attribute names.	
Folder:	attribute  Folder is the namespace where this attribute name resides.	
D of attribute name:	myMfaAzure 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.	
Name of attribute name:	myMfaAzure  Name is the label that identifies this attribute name, and might change.	
Path:	etc:attribute:myMfaAzure	

Make an attribute with a value

# **New attribute definition**

Create in this folder:	etc:attribute		
	Enter a folder name or search for a fol	der where you are allowed to create new attribute definitions.	
Attribute definition ID:	myMfaAzureAttributesDef		
	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:	Attributes for the MFA O365 requ	uirement, e.g. date	
	Description contains notes about the att was created, etc.	tribute definition, which could include: what the attribute definition represents, why it	
Type:	Attribute	~	
,	••	tribute definition. Generally it will be attribute or permission. Type is used for templates, e identifies which application the object refers to.	
Assign to:	Attribute definition	Attribute definition attribute assignment	
	Folder	☐ Folder attribute assignment	
	Group / Role / Local entity	Group / Role / Local entity attribute assignment	
	Member	☐ Member attribute assignment	
	Membership	Membership attribute assignment	
	Membership - immediate only	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 attributes to the assignment of attributes to those base object types. Membership can be assigned to an immediate effective membership, and will still exist as an orphan if the membership is unassigned until the membership is reass Immediate membership attribute assignments are only assignable to immediate memberships and are automatically 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:	String 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 >			



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