

Grouper Duo admin users

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This is outdated, the [provisioning framework Duo roles](#) should be used

This is a contrib from Ohio State in patch 2.4.0 api #73. [GRP-2313](#)

The goal of the additional work was to manage Duo Administrative Roles within an account. (REF: <https://duo.com/docs/admin-roles>)

By default the code should work the same as it did from the commit <https://github.com/Internet2/grouper/commit/184c7fc114d68363a2d6cc61700fa5348cfe04ef> (v2.3 code base)..

These additions do not alter the core of the existing design/features. Configure and turn on the new stuff if you want to use it.

It uses a single AttrDef with three AttrNames to fulfill these attributes (not required, but we did it this way) :

```
AttrDef should be assignable to "Group/Role/Local Entity" and Member. ( Type= "String" ), Single assign, Single valued.
```

```
grouperDuo.attributeForAdminId = etc:attribute:...:adminId
```

```
grouperDuo.attributeForAdminRole = etc:attribute:...:adminRole
```

```
grouperDuo.attributeForAdminNameSuffix = etc:attribute:...:adminUserNameSuffix
```

Configure

Changes to grouper-loader.properties :

```
# If true, grouper will manage Duo administrators. Disabled by default.
# Your Duo application keys will require permissions to manage administrators.
grouperDuo.adminSyncEnabled = false

# A comma separated set of Duo roles to be managed. By default it includes all roles.
grouperDuo.manageableAdminRoles = Owner,Administrator,Application Manager,User Manager,Help Desk,Billing,
Phishing Manager,Read-only

# The default password to assign to created administrator accounts. Must meet Duo's administrator password
policies.
grouperDuo.defaultAdminPassword =

# If true, administrator accounts that are not managed by Grouper will be disabled.
grouperDuo.disableUnknownAdmins = false

# If true, disabled administrator accounts that are not managed by Grouper will be deleted.
# Only disabled administrator accounts will be deleted, so grouperDuo.disableUnknownAdmins should
# be set to true.
grouperDuo.deleteUnknownAdmins = false

# If grouperDuo.deleteUnkownAdmins is true, it will wait this many seconds since the user's last login
# before deleting the account. This is helpful when a user is switching roles, they do not have to
# register their device again.
grouperDuo.deleteUnknownAdminsAfterSeconds = 2592000

# Comma separated list of email addresses to ignore when managing Administrators.
grouperDuo.ignoreAdminEmails =
```