

# Grouper enabled and disabled dates

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## Membership Enabled and Disabled (Start/End) Dates

- Membership assignments and attributes/permissions can have enabled/disabled dates where the assignment might be enabled in the future, or disabled after a certain period of time
- Enabled/disabled dates are supported through the UI, web services, and gsh.
- The [Grouper loader daemon](#) is required for processing the registry periodically to set the enabled/disabled flag based on dates
- Here is the [Jira issue](#)
- Example of assigning these via GSH:

```
membership = group.getImmediateMembership(Group.getDefaultList(), subject, true, true);

membership.setDisabledTime(GrouperUtil.toTimestamp("2009/11/02"));

membership.update();
```

\* Example configuration in grouper-loader.properties

```
#quartz cron-like schedule for enabled/disabled daemon. Note, this has nothing to do with the changelog
#leave blank to disable this, the default is 12:01am, 11:01am, 3:01pm every day: 0 1 0,11,15 * * ?

changeLog.enabledDisabled.quartz.cron = 0 1 0,11,15 * * ?

#number of seconds between checks for changes in enabled/disabled status
#suggested values are between 900 and 3600

changeLog.enabledDisabled.queryIntervalInSeconds = 3600
```

\* Example gsh call for testing

```
loaderRunOneJob("MAINTENANCE__enabledDisabled");
```

- Enabled/disabled dates are called Start and End Dates in the UI.

## Group Enabled and Disabled (Start/End) Dates as of Grouper v2.5+

- Grouper supports having enabled/disabled dates set on groups as of version 2.5.
- This is also supported through the UI, [web services](#), and [gsh](#).
- When a group is expired or unexpired, the result is propagated to memberships, privileges (except admin privileges), and attributes. In other words, those objects are also expired or unexpired.
- Here is the [Jira issue](#) which contains more details on the changes that were made.
- You can edit enabled/disabled dates in the UI when editing a group:

**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

## See Also

See the [Overview of Access Management Features](#) page for guidelines of when to use rules, roles, permission limits, and enabled / disabled dates.