

# Box Set: Implementing Admin Sets in Hydra-in-a-Box

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## What is an Administrative Set?

- Group of top-level objects managed similarly by a privileged user or user group
- Mechanism to efficiently associate a property, value, or behavior across a group of objects
- Useful for applying default permissions, metadata values, or other administrative data to all set members
- Implemented in Hydra-in-a-Box repository based on Sufia/Curation Concerns (CC)
- Configurable via feature flipper, allowing administrative users to toggle the ability to assign a Work to an Admin Set via the UI

## What are the benefits?

- Promotes consistency in metadata
- Simplifies work of a depositor
- Streamlines work of a repository administrator
- Strengthens support for library collection use cases
- Can be faceted for discovery

The screenshot shows the 'Create New Administrative Set' form with the 'Participants' tab selected. The form includes a description of participants and two sections for adding participants: 'Add group' and 'Add user'. Each section has a search field, a role selection dropdown, and an 'Add' button. Below these sections is a 'Current Participants' table with columns for 'MANAGERS OF THIS SET', 'TYPE', and 'ACTION'. The table lists two managers: thomas@example.com and jackson@example.com, both of type 'User', with a 'Remove' button next to each.

MANAGERS OF THIS SET	TYPE	ACTION
thomas@example.com	User	Remove
jackson@example.com	User	Remove

The screenshot shows the 'Create New Administrative Set' form with the 'Release and Visibility' tab selected. The form includes a description of release and visibility settings and two sections: 'Release' and 'Visibility'. The 'Release' section has three radio button options: 'No delay -- release all works as soon as they are deposited' (selected), 'Varies -- depositors can set the release date for an individual work:' (with sub-options for 'Between "now" and' followed by a date input and 'Select embargo period..'), and 'Fixed -- delay release of all works until' followed by a date input. The 'Visibility' section has three radio button options: 'Everyone -- all works in this set will be public' (selected), 'Varies -- default is public, but depositors can restrict the visibility of individual works', and 'Institution -- all works will be visible only to authenticated users of this institution'. At the bottom right, there are 'Cancel' and 'Save' buttons.

## How does an Admin Set differ from a “User Collection”?

- Admin Set extends administrative functionality for an admin user while ...
- User Collection is simply an arbitrary grouping of objects held together by its creator and some “collection”-level description
- Any user who can deposit can also create a User Collection containing one or more Works, and a Work may belong to one or more User Collections

## How is an Admin Set modeled?

- A vanilla Fedora object
- Does not depend upon PCDM
- Can contain many members, which themselves can be any other Fedora object
- An object may belong to only one Admin Set
  - But may be a member of other kinds of sets, such as a Display Set\*, for flexible and tailored discovery and access

\*Not yet implemented