

# Sub DAO Management

⌚ Pillar	Governance
⌚ Priority	Medium
⌚ Status	Planned
☰ Source	CEO QA
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⌚ Linear Project	<a href="https://linear.app/decent-labs/project/subdao-improvement-5f464def72c1/overview">https://linear.app/decent-labs/project/subdao-improvement-5f464def72c1/overview</a>
✉ PM	Ⓒ Che Bajandas
⌚ Size	Medium

## Requirements

This project aims to accomplish the following:

1. Provide the option to fund a sub DAO as part of the creation flow
2. Provide a clearer UX for managing sub DAOs
3. Provide the option to transfer funds directly from parent to sub DAO
4. Provide for the option to manage freeze and clawback settings for a sub DAO
5. Provide the option to make changes to a sub DAO settings through a parent DAO proposal

## User requirements

- The option to transfer funds to a new sub DAO in the same transaction as creating the sub DAO

- The option to manage sub DAOs from a page within the parent DAO, including
  - Transfer funds
  - Initiate a freeze
  - Initiate a clawback
  - Update freeze and clawback settings
- Clear direction of action on parent DAO → proposal creation on parent DAO

## Use case

- A DAO governor wishes to manage a sub DAO nested within their parent organization
- Rather than having to visit that sub DAO's pages to make changes, the governor visits a page on the parent DAO where they get management options
- When a change is made, it generates a proposal on the parent DAO, more clearly connecting the action and the result

## Proposed Solution

- Utilize the existing Organization page to move UX previously available on the sub DAOs into a central location accessible directly from the parent DAO
- Add a Settings "cog" to sub DAO cards within the hierarchy displayed on the Organization page
- Move the following existing options available through the settings "cog" on sub DAOs to the cog on the sub DAO card on the Organization page:
  - Initiate Freeze
  - Initiate Clawback
- Add a new option to the settings cog for sub DAO cards on the Organization page
  - Manage Settings

- Hook up the new Manage Settings option so that it opens the settings modal *for the selected sub DAO*
  - Include a “Freeze and Clawback” tab to the settings modal explicitly for this user flow
- Provide for new behavior using the above option that allows a parent DAO to propose changes to a sub DAO’s settings, vote on the changes, and execute them all on the parent DAO
- Add a status indicator for sub DAOs to show when a sub DAO is frozen

## Features

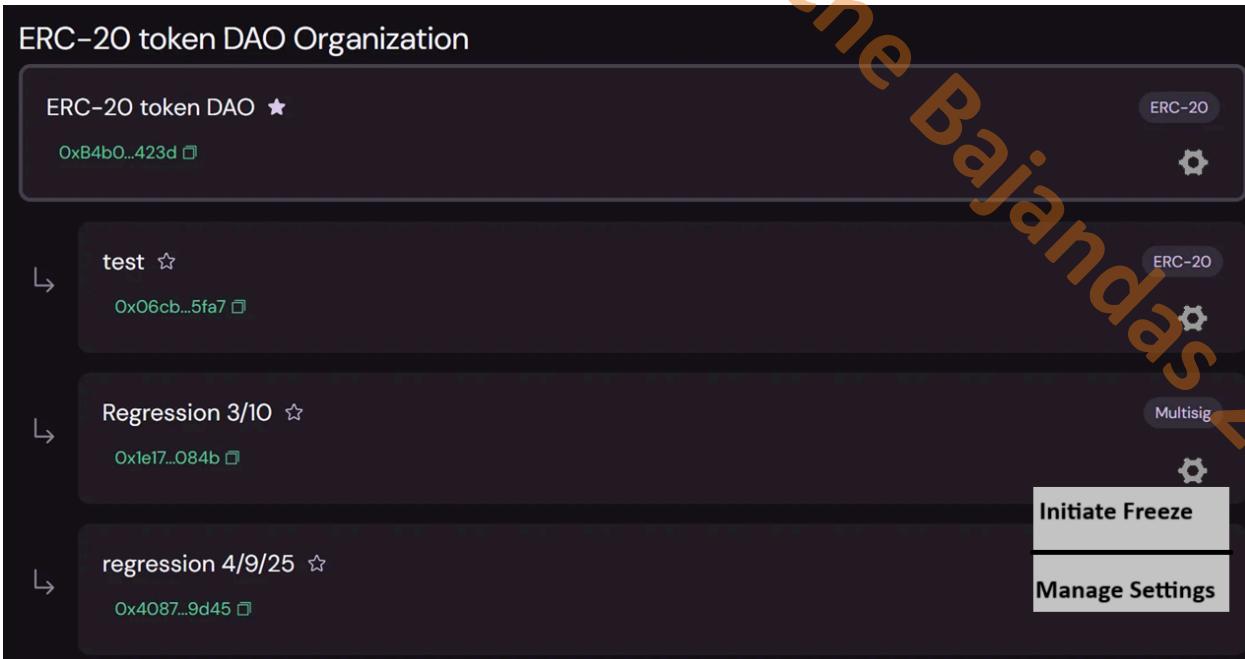
### Add the option to deposit funds to sub DAO treasury as part of creation flow

When going through the sub DAO creation user flow, there should be an input that allows the user to select assets to transfer to the sub DAO as a part of creation of the sub DAO.

The objective here will be for there not to be the need for a parent DAO governor to spin up two proposals back to back to set up a sub DAO and fund it.

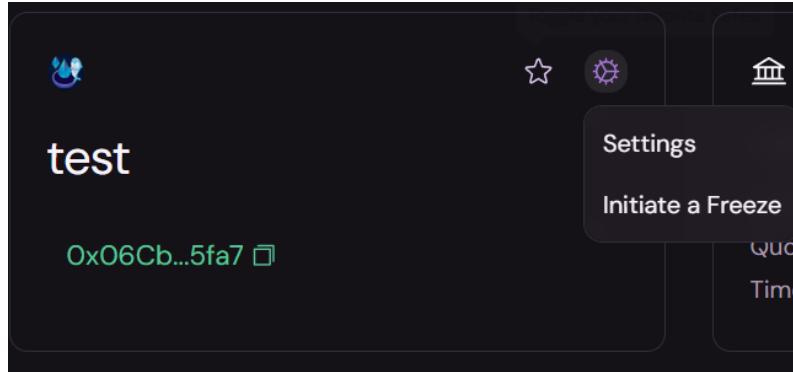
TBD where this would live in the flow, but right now there are only two common pages in the flow across all governance types, which would be the first and last, ‘Get Started’ and ‘Configure Administration’. Neither are obvious candidates for this new input.

### Update the Organization page to provide settings option for relevant sub DAOs



This feature will require identifying first which sub DAOs the connected wallet has permission to make changes to, then displaying the settings cog only for those DAOs. The settings cog should not be shown at all when no wallet is connected.

## Move freeze and clawback options to Organization page



These options currently are available in from a dropdown menu that appears when selecting the settings cog from the homepage of a sub DAO while connected to a wallet with proposal power on the parent DAO.

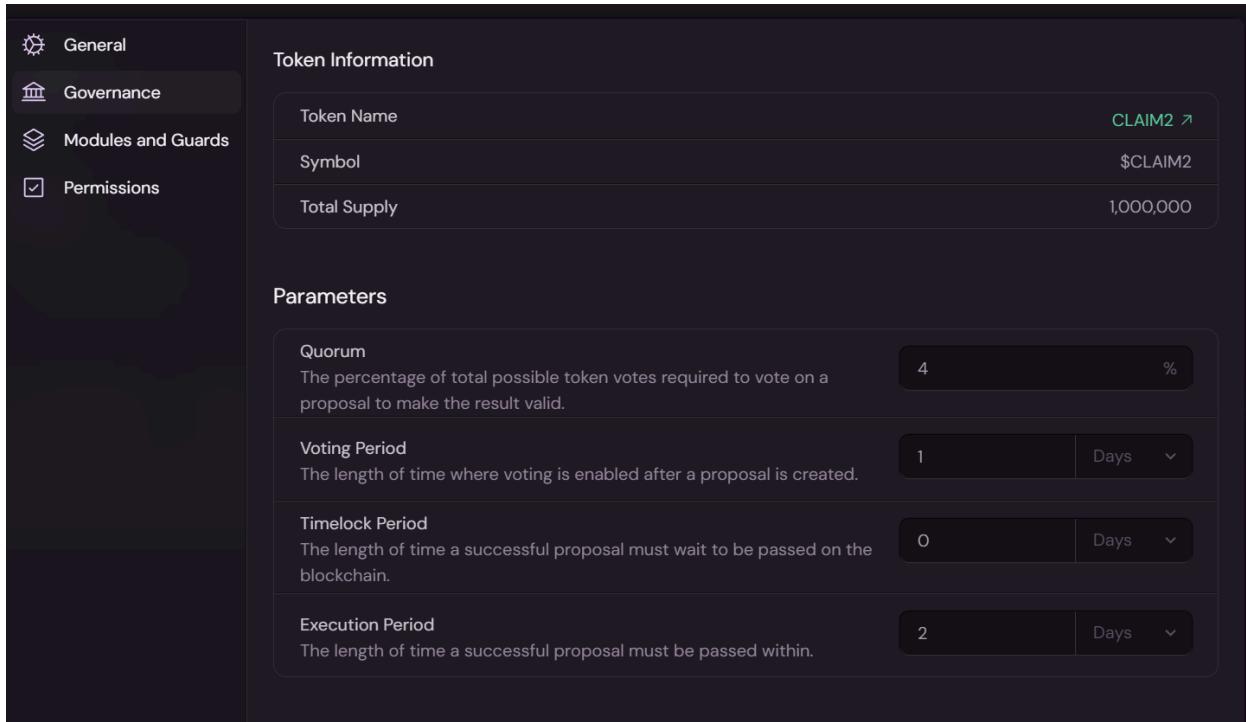
For this feature, we'll want to move those options from the sub DAO settings cog to the Organization sub DAO cog.

Note that:

- These options are never presented both at the same time
- A freeze needs to be in effect before a clawback can be proposed
- A freeze doesn't always go to proposal creation: if the proposer has enough voting power to pass a vote on their own, it goes straight to a transaction, skipping the proposal altogether

Any proposals that are generated for either of these options goes to the parent DAO. Note that a freeze vote uses different parameters than regular votes, as defined on the sub DAO.

## Add a “Manage Settings” option for sub DAOs on Organization page



This option will open the settings modal for the sub DAO. If changes are made within this modal, a proposal will go to the parent DAO allowing for changes to be

made without going through a proposal on the sub DAO.

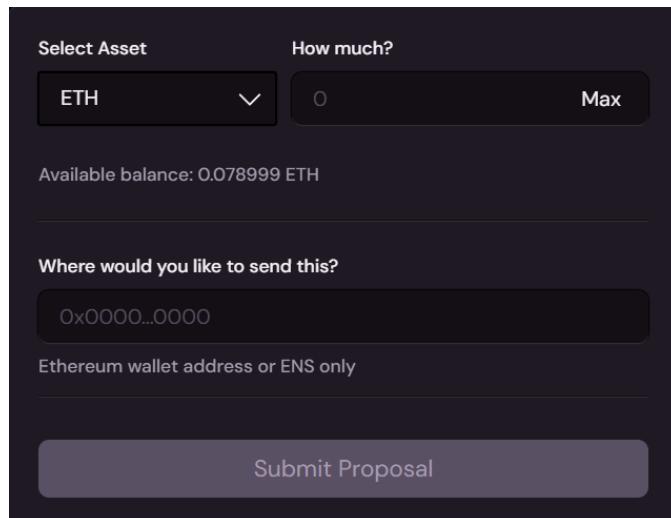
## Add a “Transfer Funds” option for DAOs on Organization page

This will appear as a distinct option on a DAO card, like the settings, but can appear for any DAO in the organization, depending on the current DAO being viewed:

- Example 1: You are on the parent DAO (and have proposal permission) → The ‘Transfer Funds’ option appears for all sub DAOs
- Example 2: You are on a sub DAO (and have proposal permission) → The ‘Transfer Funds’ option appears for all DAOs in the organization except the one you are currently on, including the parent

This option should allow for any DAO governor within the organization to initiate a transfer from one DAO’s treasury to another DAO’s treasury, within the hierarchy.

This should use a transfer type modal/popup, but modified to not take user input for the “send to” address field. This can either be prefilled with the address of the sub DAO and inactive, or better yet, not shown at all. The target of the transfer should be apparent based on the entry point of this action.



Submitting the transfer form should proceed through the regular proposal creation flow with the transfer to the sub DAO address attached as an action.

## Add a “Freeze and Clawback” tab to the settings modal for sub DAOs (Organization page specific)

Create SubDAO

1. Get Started    2. Configure ERC-20 Token    3. Governance    4. Configure Administration

**Freeze Parameters**

**Freeze Votes Threshold\***  
Total votes required by the parent (out of 100) to freeze this child DAO entirely.  
4

**Freeze Proposal Period\***  
The length of time (in minutes) for a Freeze Vote's starting and ending point.  
10080 Minutes  
10,080 minutes = 1 week

**Freeze Period\***  
The length of time (in minutes) a successful Freeze Vote will freeze this child DAO.  
10080 Minutes  
10,080 minutes = 1 week

ⓘ This configuration may be changed later via a proposal on this child DAO.

**Enable Clawback**  
This setting controls whether Parent DAO will be able to execute arbitrary transactions on Child DAO bypassing voting process on Child DAO.

When the settings modal is opened for a sub DAO using the Organization page, it should show a new tab titled “Freeze and Clawback”.

This new tab should include options to update the values originally configured during sub DAO creation, as pictured above:

- Freeze Votes Threshold (integer representing a percentage)
- Freeze Proposal Period (time duration)
- Freeze Period (time duration)
- Enable Clawback (toggle off/on)

## Add a “Frozen” indicator to frozen sub DAOs on the Organization page



When a sub DAO is frozen, we should show some indication that it is frozen on the sub DAO card on the Organization page.