



[www.kilt.io](http://www.kilt.io)

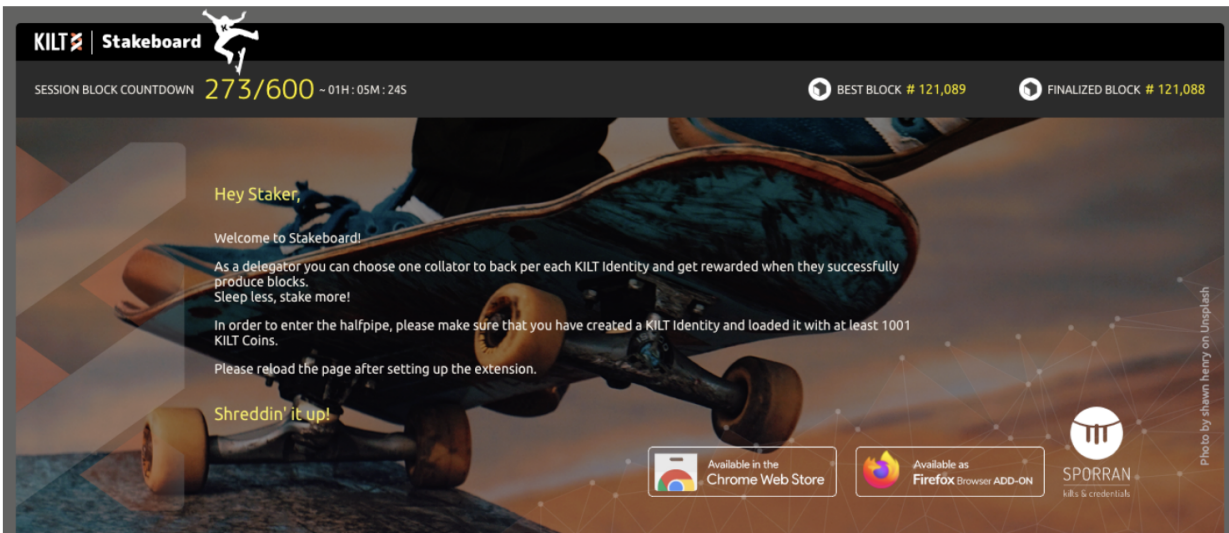
Version January 2023

# How to Use the KILT Stakeboard

The KILT Stakeboard is a web application that allows you to interact directly with the KILT blockchain to stake your KILT Coins.

To stake on Stakeboard you need a KILT Identity (wallet address) with at least 21 KILT Coins (20 for staking; 1 to cover any transaction costs). You can choose one collator to back with your KILT Identity to become a delegator for them. When this collator successfully produces blocks, you can receive a reward of up to 6% per annum for the second year the chain was live (measured in block time; rewards were 8% for the first year). The second year began in December 2022.

If you own more than 21 KILT Coins and want to participate as a delegator, head to the Stakeboard and review our “how-to” guide below.



## 1. How to create a KILT Identity

If you don't already have a KILT Identity set up, you can [download the Sporrán wallet](#) via the Chrome Web Store or Firefox. See instructions on how to create a KILT Identity in the Sporrán [here](#). (You can also have your KILT Wallet in the Polkadot.js extension or any other compatible wallet that lets you manage your KILT Coins and use the Stakeboard with it, but in this guide we will focus on showing you how to interact with the Sporrán.)

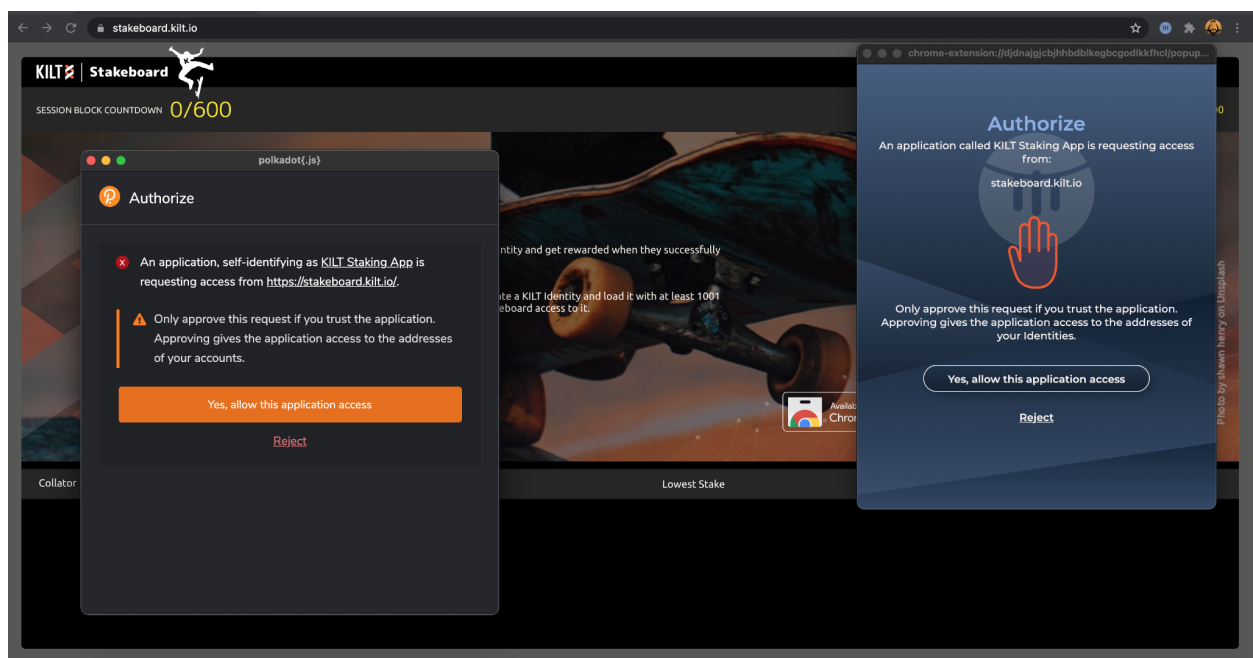
## 2. How to connect your Sporrán to the Stakeboard

When you first open the Stakeboard, a popup will ask you to connect to the blockchain.

If you have just set up your first KILT Identity, refresh the web page if this does not appear automatically.

Click “Yes, allow this application access”

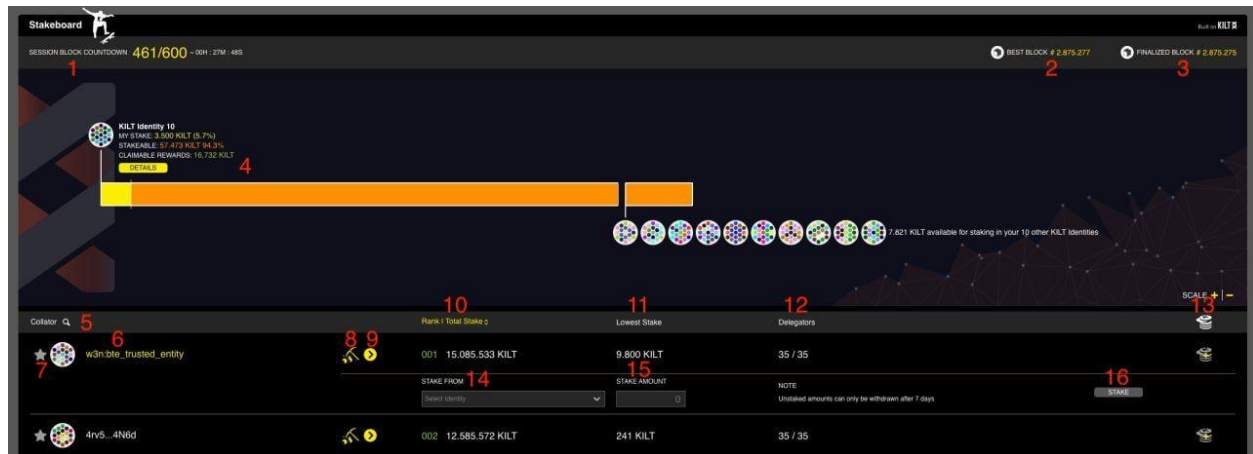
If you have any other connected wallets (e.g., a Polkadot.JS App extension), these may also pop up.



If you wish to disable the Polkadot.JS popup, follow the instructions [here](#).

If you wish to disable the Sporrán popup, follow the instructions [here](#).

### 3. The layout of the Stakeboard



1. SESSION BLOCK COUNTDOWN: shows the current session, counting the blocks in the session. One session on the KILT blockchain lasts around 2 hours, or 600 blocks.
2. BEST BLOCK: the most recent block mined by the KILT blockchain.
3. FINALIZED BLOCK: the most recent block approved by the Kusama Relay Chain.
4. The token bar shows how many tokens you have, including:
  - MY STAKE - the amount staked
  - STAKEABLE – the amount that has already been claimed and is ready to be staked
  - CLAIMABLE REWARDS – the amount of staking rewards that have not been claimed yet.
  - DETAILS - gives access to the “CLAIM” button and more information on any locked or unstaked KILT.

Your Sporrان will show one token bar for each Identity you have created.

5. Search collators by KILT address.
6. List of collators: Each collator is currently shown by their address (the long list of numbers next to the icon) or their [web3name](#), as the Sporrان does not hold data on the individual collators.
7. The star can be clicked to add a collator to your favourites.
8. The pickaxe icon shows if the collator is in the active set.

- Yellow: collator in the active set
- Grey: collator not in the active set
- Orange: the collator has indicated they will stop collating and will leave in the active set soon

9. Arrow:

- Yellow: collator in the active set
- Green: will be in the group of active collators in the next session
- Grey: will not be in the group of active collators in the next session

10. Rank | Total Stake:

- Rank: KILT launched with an active collator set of 16 collators. This is gradually being increased to 75 collators. Collators are ranked according to the amount of stake backing them. Rank 1 is the collator with the most stake.
- Total Stake: The total amount of KILT Coins staked on this collator (self-stake + delegator stake)

11. Lowest Stake: The lowest amount of individual stake backing the collator. If the collator already has 35 delegators, you need to stake more than this minimum to back the collator (and to kick that delegator out and take their place).

12. Delegators: The number of delegators the collator has backing them / the maximum number of delegators possible per collator (currently 35)

13. Coin logo:

- Yellow: You are staking on this collator with the Sporrán you connected
- Grey: You are not staking on this collator with the Sporrán you connected

If you have 21 KILT Coins or more in your Identity, clicking in the collator column will open a drop-down menu with more options. (20 minimum for staking; 1 for transaction fees.)


14. STAKE FROM: Here you can choose the account you wish to stake from. Clicking the arrow gives a drop-down with all the Identities you have linked to the Sporrán.

15. MY STAKE: Add the total amount you wish to stake from this account.

16. STAKE: Button changes from grey to yellow when the account is selected and the amount is entered.

## 4. How to Stake

Click on the column next to the collator you wish to back. As long as you have a minimum of 21 KILT Coins in your account, this expands the field.

Rank   Total Stake ↕	Lowest Stake	Delegators	
 001 10,117,390 KILT	20 KILT	35 / 35	
COLLATOR STAKE FROM <b>My first Identity</b>	NEW STAKE <b>900 KILT</b>	STAKEABLE <b>4,297 KILT</b>	<button>CHANGE</button>
STAKE FROM Select Identity ▼	STAKE AMOUNT <input type="text" value="0"/>	NOTE Unstaked amounts can only be withdrawn after 7 days	<button>STAKE</button>

1. STAKE FROM: Click arrow to choose the account you want to stake from
2. STAKE AMOUNT: Insert the amount of KILT Coins you want to stake
3. STAKEABLE: If you are already staking, the “STAKEABLE” field will show the amount you have free that can be staked.

Click the arrow next to “Select Identity” (under STAKE FROM). This will give a list of all Identities you have connected to the Stakeboard. Note, if you are already staking on other collators these identities will not appear, as you can only stake on one collator per identity.

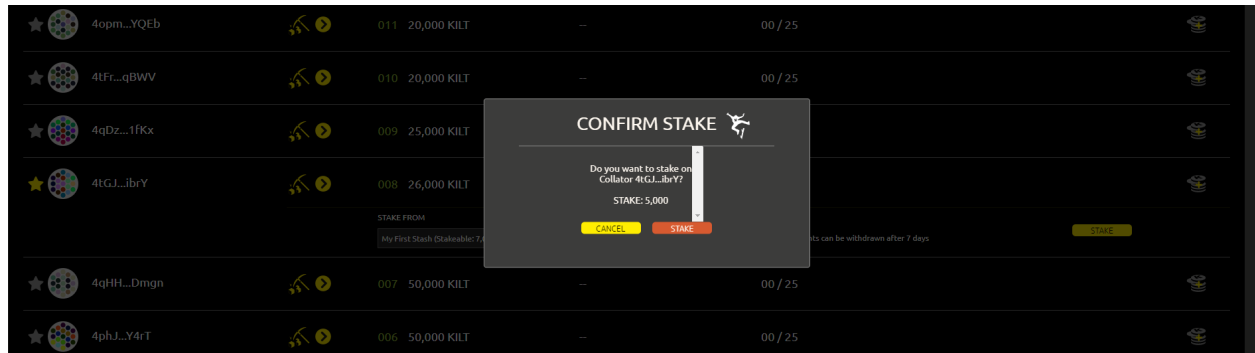
Choose the Identity you want to stake from.

Enter the total amount you want to stake. (If you are already staking on this collator, this amount is the total of existing stake plus new stake.) The STAKE button will then turn from grey to yellow.

**Please remember to leave at least one KILT in your account to cover transaction fees.**

Click “STAKE”.

This opens up a new popup with the address of the collator you want to stake on and the amount you want to stake.

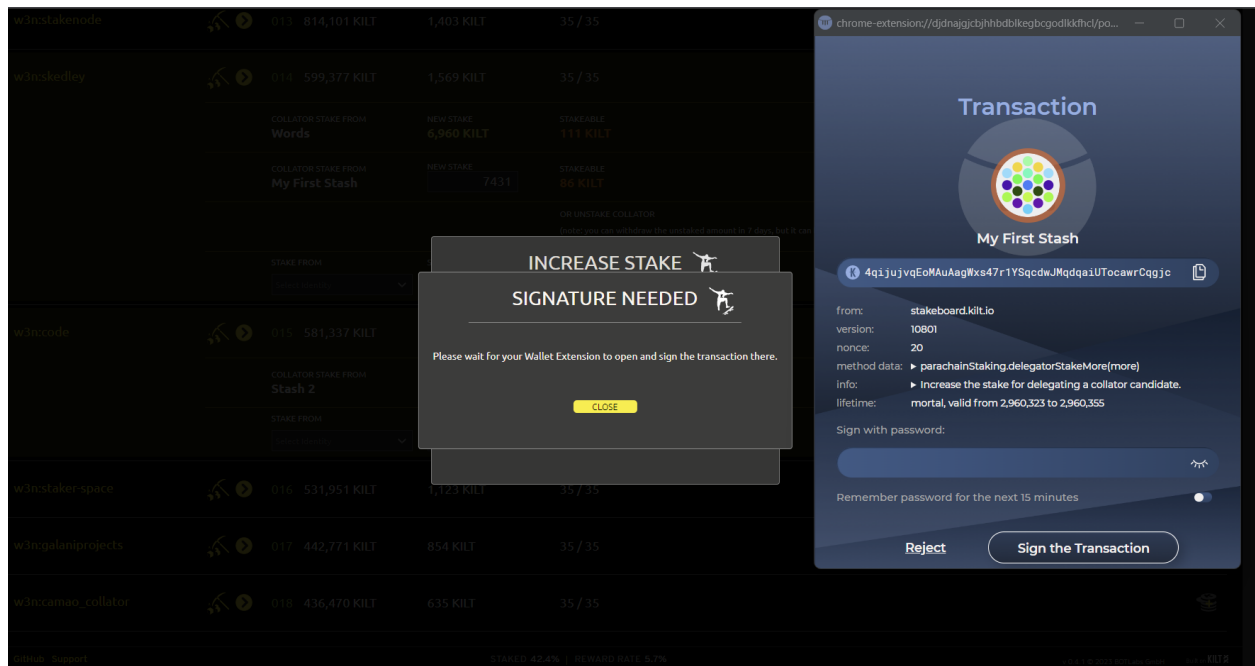


If you are happy that the details are correct, click “STAKE”.

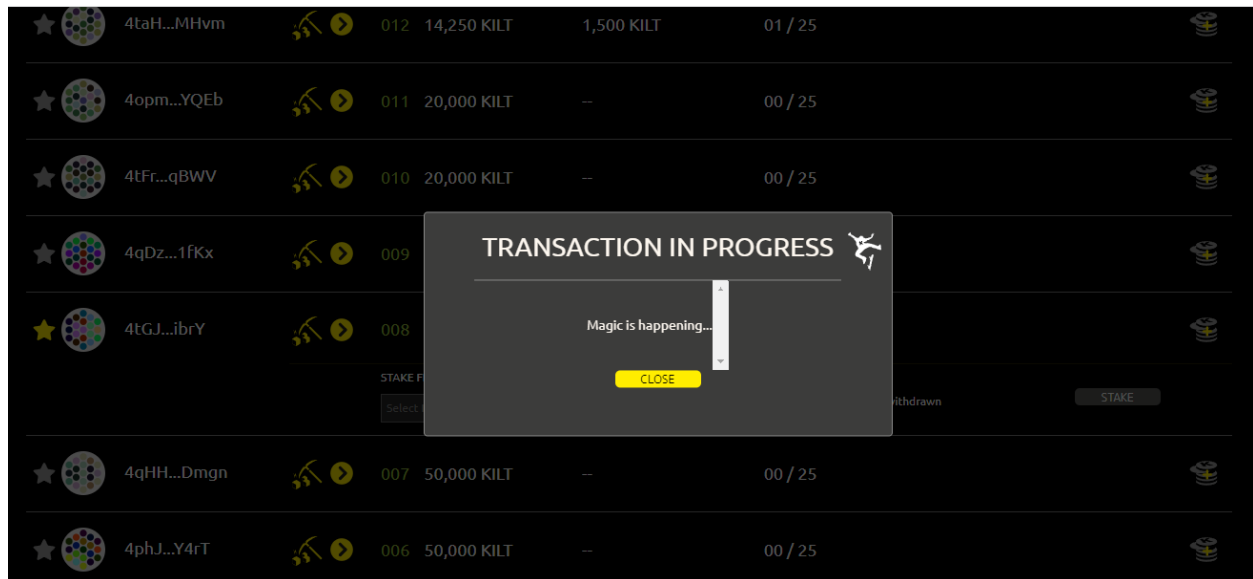
The Stakeboard creates a transaction to be submitted to the KILT blockchain. Recheck, if the transaction reflects what you intended to do.

If yes, enter your password for the KILT Identity.

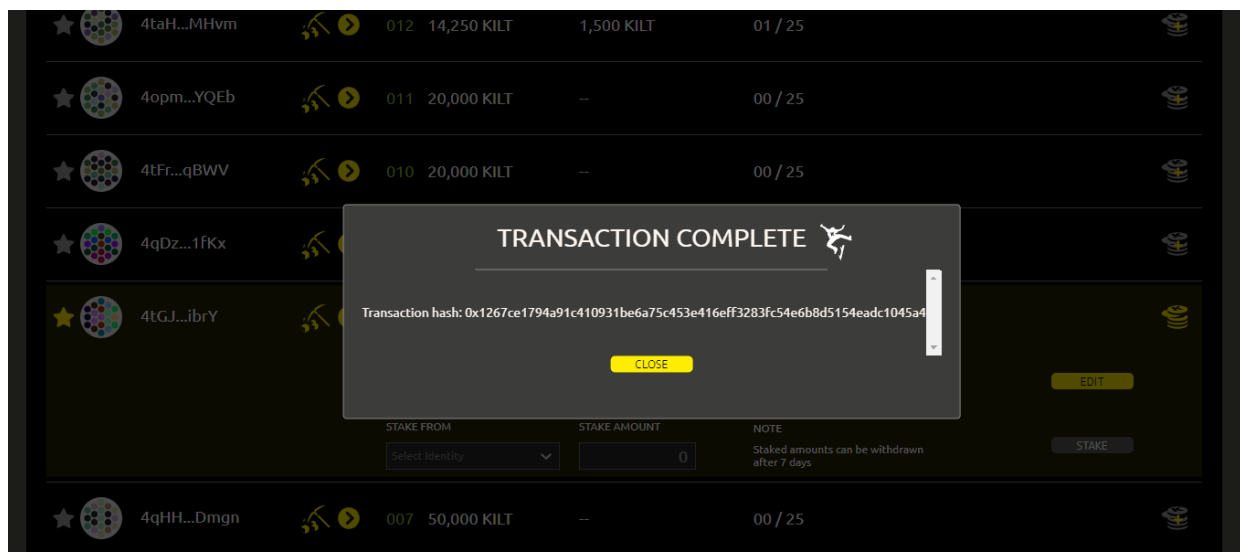
Click “Sign the transaction”.



A popup indicates that the transaction is in progress.



When completed, you will see a “Transaction Complete” popup.



Your KILT Coins have now been staked!

*Please note: As staked KILT Coins remain in the wallet they are staked from and the Skateboard does not actually hold KILT Coins, all rewards are linked to the address you staked from. If you wish to claim your rewards or restake these KILT Coins, you will need to do this manually.*

## 5. How to Unstake

Unstaking follows a similar process to staking.

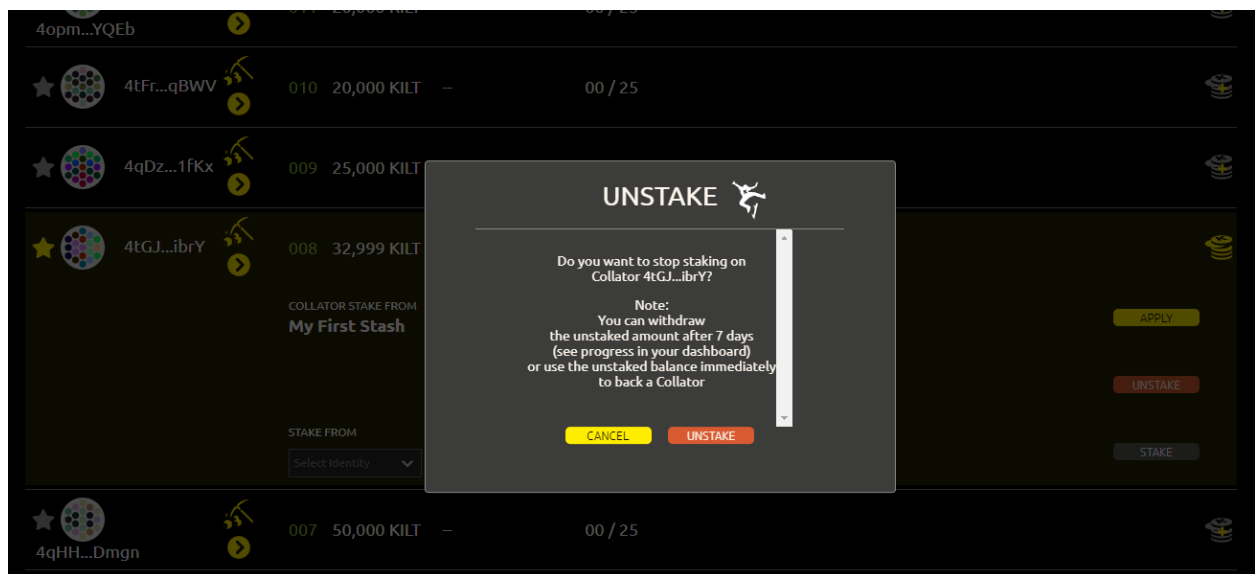
Click the column next to your collator to expand the field.

Click “CHANGE”.

If you wish to unstake all your KILT Coins, click “UNSTAKE”.

This changes the MY STAKE to 0 stake.

A popup asks if you want to stop staking.



If all the details are correct, click “UNSTAKE”.

The Stakeboard then creates a transaction to be submitted to the KILT blockchain. You will then be asked to sign the transaction on the blockchain by entering your private password for the KILT Identity.

Click “Sign the transaction”.

Your KILT Coins have now been unstaked.



Remember: when you unstake there is an unlocking period of 7 days before you can withdraw your KILT to your wallet. You can see the time left to unlock in the DETAILS section, next to the token bar.



You can choose to stake again within the seven-day unlocking period (once the next session starts, you can also choose to put them on a different collator).

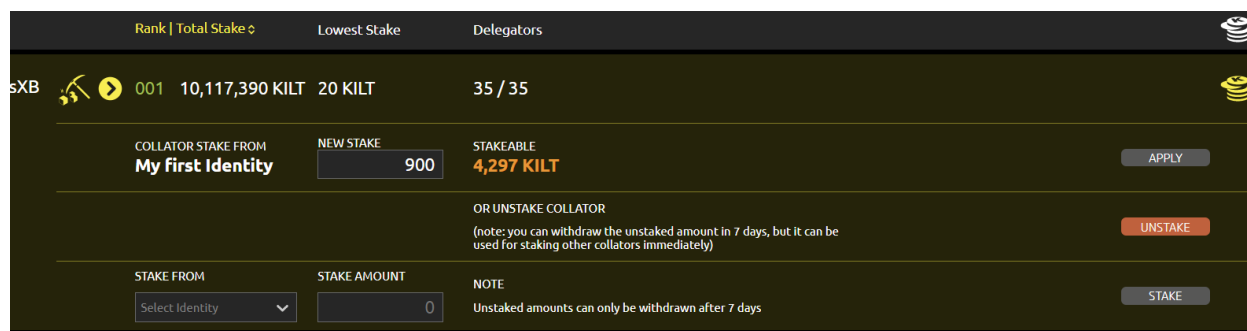
## 6. How to Increase or Decrease Your Stake

Increasing or decreasing the amount of funds staked on your collator follows a similar process to staking:

Click the column next to your collator to expand the field.

Click “EDIT” next to the collator.

This opens the options APPLY, UNSTAKE, or STAKE.



Change the number in MY STAKE to the total amount you wish to have staked, not the amount you want to unstake or add.

When the number has been changed, “APPLY” changes color to yellow.

Click “APPLY”.

The screenshot shows the KILT Stakeboard interface. At the top, there are tabs for 'Rank | Total Stake', 'Lowest Stake', and 'Delegators'. Below these, a list of collators is shown. The first collator, '2sXB', has a rank of 001, a total stake of 10,117,390 KILT, and a lowest stake of 20 KILT. It has 35 / 35 delegators. Below the collator list, there are two main sections. The first section is for 'COLLATOR STAKE FROM My first Identity'. It has a 'NEW STAKE' input field with the value '1200'. To the right, it shows 'STAKEABLE 3,997 KILT' in orange text. A yellow 'APPLY' button is to the right of this section. The second section is for 'OR UNSTAKE COLLATOR'. It has a note: '(note: you can withdraw the unstaked amount in 7 days, but it can be used for staking other collators immediately)'. A red 'UNSTAKE' button is to the right of this section. At the bottom, there is a 'STAKE FROM' dropdown menu with 'Select Identity' selected, a 'STAKE AMOUNT' input field with the value '0', and a 'NOTE' section with the text 'Unstaked amounts can only be withdrawn after 7 days'. A grey 'STAKE' button is to the right of the note.

If all the details in the next popup are correct, click “STAKE”.

The screenshot shows the KILT Stakeboard interface with an 'INCREASE STAKE' popup dialog. The background shows a list of collators. The first collator, '4tM...SGh', has a rank of 001, a total stake of 240,300 KILT, and a lowest stake of 2,000 KILT. It has 06 / 25 delegators. The second collator, '4rp...o2e', has a rank of 002, a total stake of 118,000 KILT, and a lowest stake of 2,000 KILT. It has 06 / 25 delegators. The third collator, '4s2...y3W', has a rank of 003, a total stake of 91,000 KILT, and a lowest stake of 2,000 KILT. It has 06 / 25 delegators. The 'INCREASE STAKE' popup dialog is in the foreground. It has a title 'INCREASE STAKE' and a KILT logo. The text inside the dialog says: 'Do you want to increase the stake of Collator 5Hp...Sef (new staked amount 1000 from Test Stakeboard)?'. There are two buttons at the bottom: a yellow 'CANCEL' button and a red 'STAKE' button.

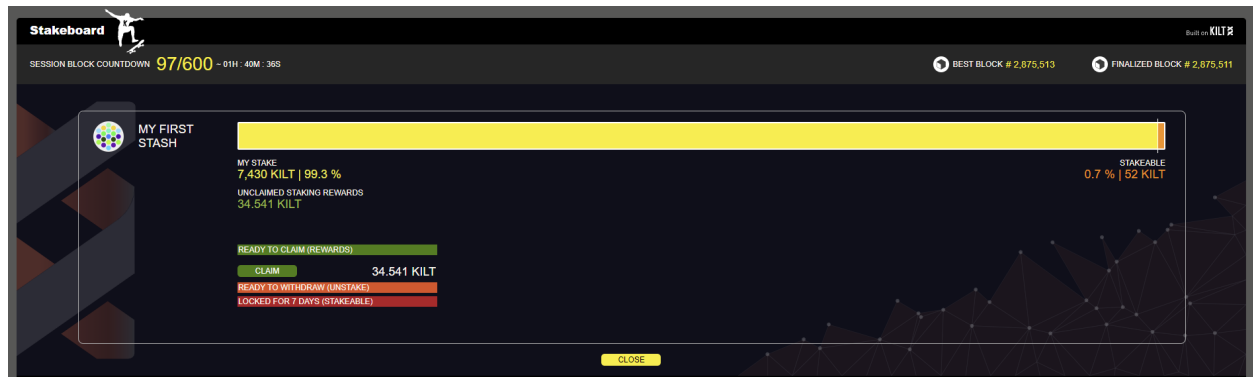
The Stakeboard then creates a transaction to be submitted to the KILT blockchain. You will then be asked to check the transaction again in your wallet and if you agree, you can sign the transaction by entering your password for the KILT Identity and send it to the blockchain.

## 7. How to Claim Staking Rewards

Go to the token bar at the top of the Stakeboard.

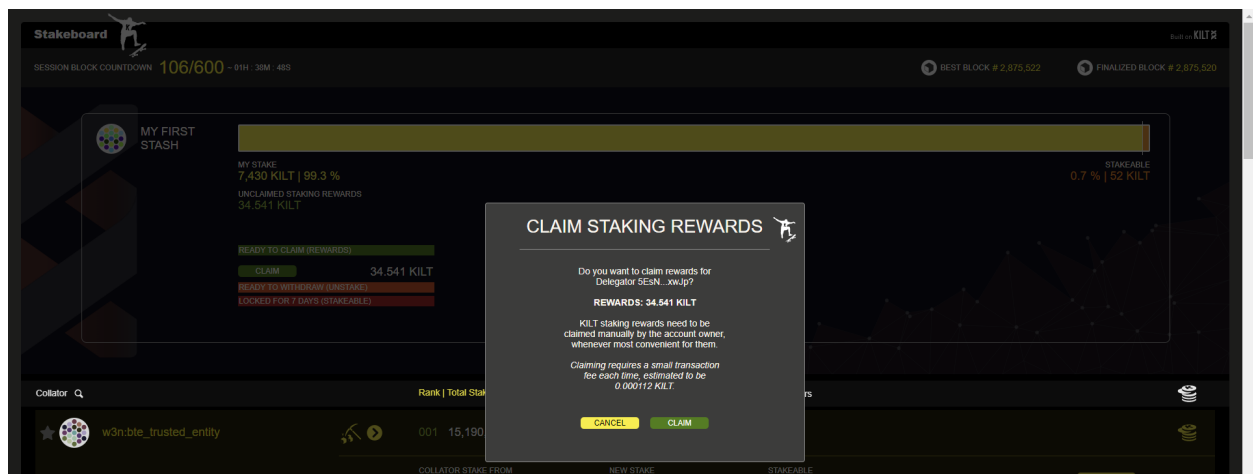
Click “DETAILS”

This shows more information about the KILT Coins in the account.



Click “CLAIM”

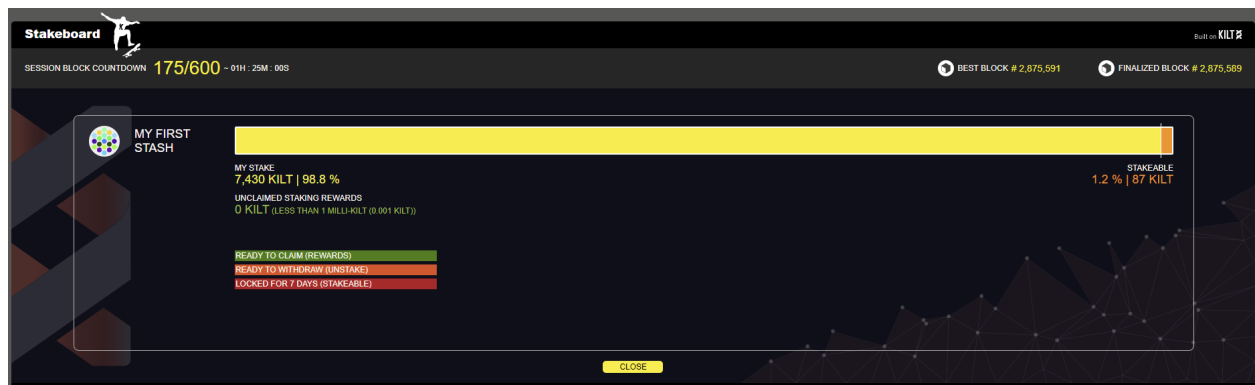
This opens a popup.



Sign the transaction by entering the password in your wallet. This will initiate the claiming process.

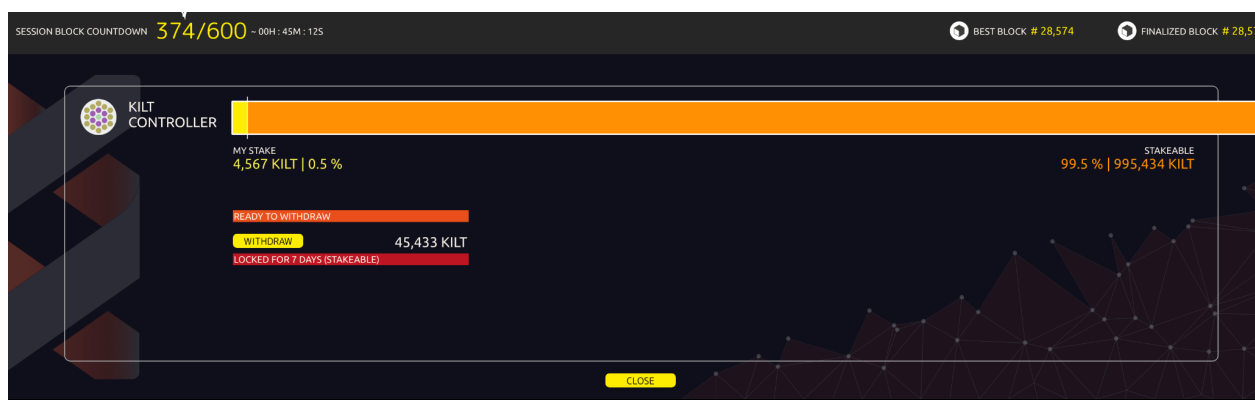
When completed, you will see a “Transaction Complete” popup.

Skateboard will then show that the rewards have been added to your unlocked, stakeable KILT balance.



## 8. Withdrawing Unstaked Funds

After unstaking, your KILT Coins will be locked for 7 days. The time remaining for the tokens to be unlocked is indicated in the DETAILS section next to the token bar.



After 7 days, you need to withdraw the unlocked funds to your wallet.

Click DETAILS next to the token bar.



Click WITHDRAW (under READY TO WITHDRAW).

Sign the transaction by entering your private password for the KILT Identity.

That's it! Thanks as always for supporting KILT Protocol.

If you have any questions during this setup process, please visit the ["Staking" section](#) of KILT's Tech Support resource.

## IMPRINT

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