

Peerplays Sidechain Deposit - Token Flow

- 1

A user with HIVE decides to make a Peerplays account. They visit the Peerplays Dex and create a new account. The user links their HIVE account name to their Peerplays account.
- 2

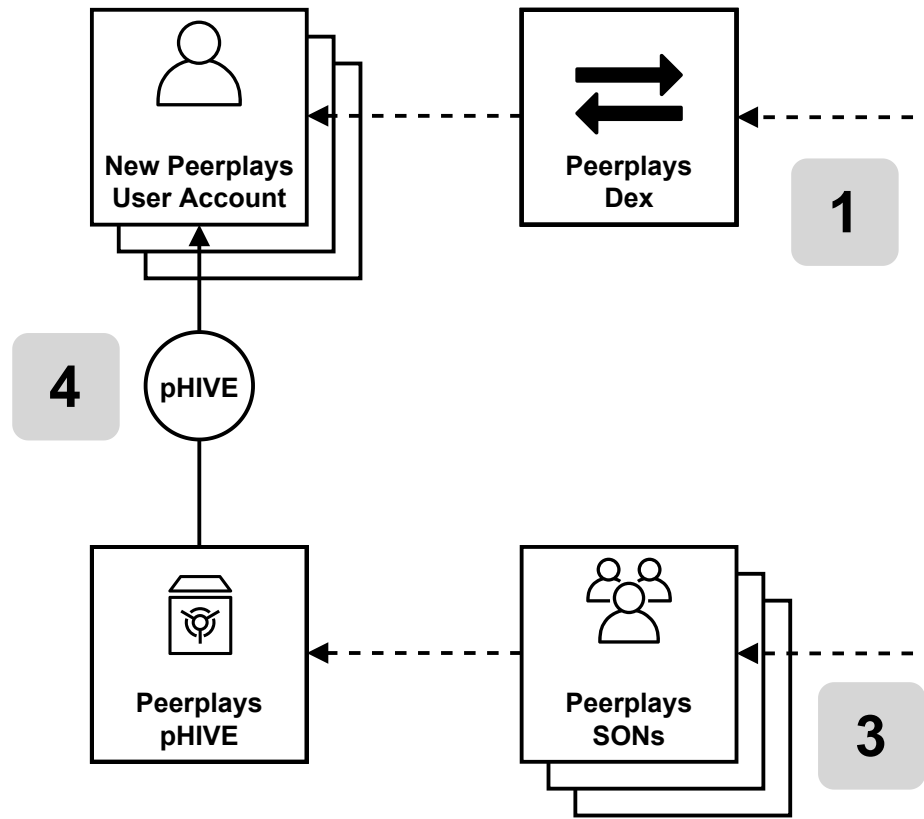
They use the deposit function of the Dex to deposit their HIVE to their Peerplays account. To do so, the Dex asks them to send the deposit to a Peerplays SONS controlled HIVE wallet.
- 3

When the HIVE is sent to the Peerplays SONS HIVE wallet, the Peerplays SONS pick up the transaction, validate the data, and release the same amount of pHIVE to the proper Peerplays account.

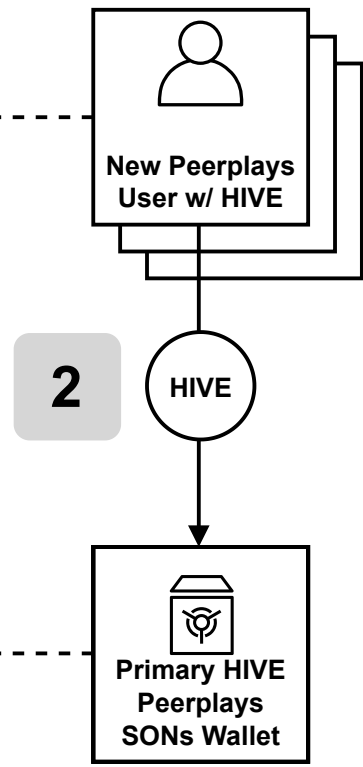
Since the HIVE account name is already linked to a Peerplays account, the SONS know where to send the pHIVE.
- 4

The user has successfully deposited their HIVE into their new Peerplays account! Their pHIVE is backed by the HIVE stored in the Peerplays SONS HIVE wallet.

It can be used like any other Peerplays asset: traded, staked, sent and recieved, bought and sold, and more!



Peerplays Chain



HIVE Chain

Peerplays Sidechain Withdraw - Token Flow

- 1

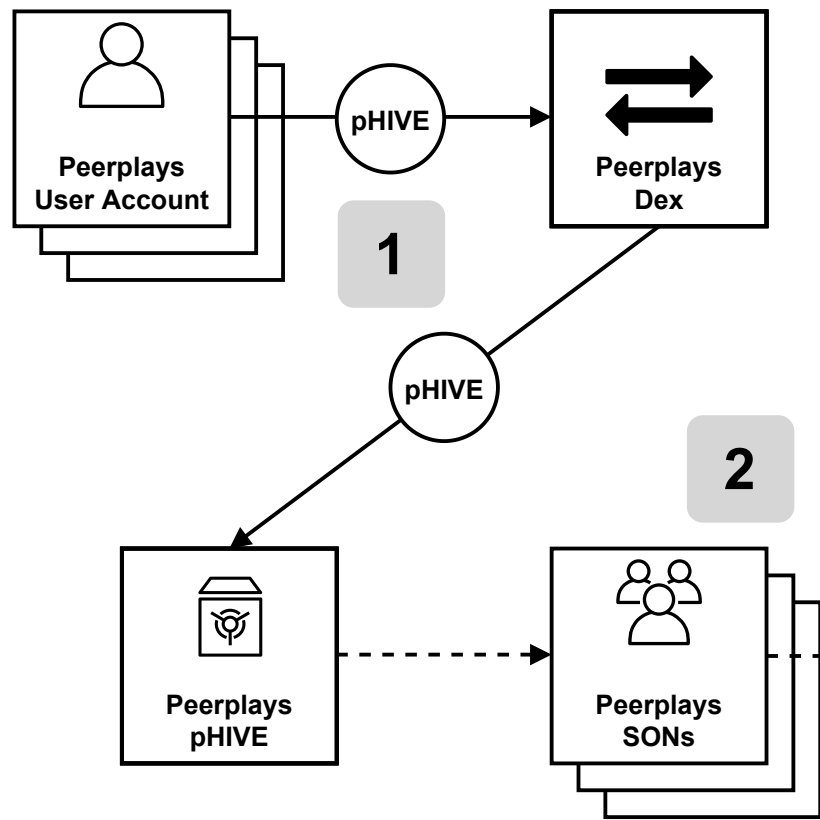
A user with pHIVE decides to withdraw some to their HIVE account. They visit the Peerplays Dex and use the withdraw function to initiate the transaction.

The pHIVE is sent to an account on the Peerplays chain that is controlled by the Peerplays SONS. The Peerplays SONS listen to this account for transactions to initiate the process.
- 2

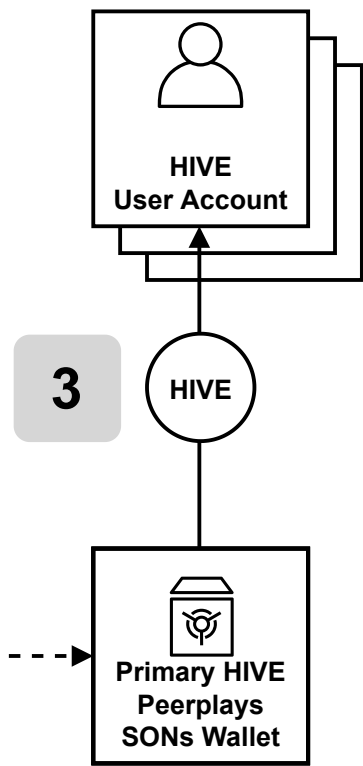
When the withdraw is triggered, the Peerplays SONS send the HIVE from the Peerplays SONS HIVE wallet to the user's HIVE address.

Since the Peerplays account and HIVE account are mapped, the Peerplays SONS know where to send the HIVE.
- 3

At this point, the user has their HIVE. They have successfully withdrawn their HIVE from the Peerplays chain back to the HIVE chain!



Peerplays Chain



HIVE Chain