

On Ethereum, Uniswap Labs governance consists of a suite of smart contracts. However, in addition to its original deployment on Ethereum L1 mainnet, Uniswap contracts are also deployed on four additional domains - Polygon, Optimism, Celo, and Arbitrum.

Presently, this method has been implemented differently for each of the four chains. The system governing Optimism and Polygon follow similar design principles, and should be functional for passing proposals.

Problem:

Uniswap Labs was not made aware of this change in approach before deploying on Arbitrum. The Uniswap Factory was deployed with the owner set to the same, unaliased address of the L1 Uniswap Timelock contract.

The governance deployer key on Arbitrum has burned the nonce that could deploy a contract to this address, verifiable here: [Address 0x41653c7d61609d856f29355e404f310ec4142cfb | Arbiscan](#)

Solution:

1. Final governance vote kicks off (after Temperature and Consensus checks pass).
2. Before the vote passes, Arbitrum will add a temporary exception to disable address-aliasing for messages from the L1 TimeLock contract, 0x1a9c8182c09f50c8318d769245bea52c32be35bc. Arbitrum will notify the Uniswap community via the Uniswap governance forum once this is done.
3. Once the final on-chain governance vote passes, the Uniswap governance contract will send a cross-chain message from the L1 Timelock contract to call setOwner on the L2 Uniswap factory, setting the owner to the L1 Timelock's address alias, 0x2BAD8182C09F50c8318d769245beA52C32Be46CD.
4. This is the L1 Timelock address + the alias offset: 0x1a9c8182c09f50c8318d769245bea52c32be35bc + 0x111

1. We will be able to see when this is completed on-chain. Arbitrum will re-enable aliasing for the L1 Timelock contract address. Once this is complete, cross-chain governance between Uniswap and Arbitrum will be fully functional.

Conclusion

Snapshot Poll: [Snapshot](#)