

Proposal Summary

- The purpose of this post is to apply for canonical Uniswap V3 deployment on Abstract
- All of the Uni v3 contracts have already been deployed
- No further actions need to be taken by the DAO

About Abstract

Abstract is a Layer 2 (L2) network built on top of Ethereum, designed to securely power consumer-facing blockchain applications at scale with low fees and fast transaction speeds.

Built on top of the ZK Stack, Abstract is a zero-knowledge (ZK) rollup built to be a more scalable alternative to Ethereum; it achieves this scalability by executing transactions off-chain, batching them together, and verifying batches of transactions on Ethereum using (ZK) proofs.

Abstract is EVM compatible, meaning it looks and feels like Ethereum, but with lower gas fees and higher transaction throughput. Most existing smart contracts built for Ethereum will work out of the box on Abstract (with some differences), meaning developers can easily port applications to Abstract with minimal changes.

Proposal Stakeholders

Proposer: [Reservoir

](<https://reservoir.tools/>)Deployer: [Protofire

](<https://protofire.io/>)Frontend: [Reservoir

](<https://swap.reservoir.tools/#/swap?chain=shape>)Bridge Provider: Canonical

Target Chain: Abstract

Deployment Details

As is the case with all official v3 deployments, this deployment is governed by the Uniswap DAO via Abstract's native bridge. Per the governance process, the UAC will review the deployment and update the text record to include the Abstract deployment.

Abstract is a ZK-Sync based chain, meaning that calls from L1 route through an "alias" address on the L2. The alias address for the L1 DAO Timelock contract is 0x2BAD8182C09F50c8318d769245beA52C32Be46CD, and this is configured as the owner, exactly the same as ZK-Sync.

Relevant Uni v3 Contracts

v3CoreFactoryAddress: [0xA1160e73B63F322ae88cC2d8E700833e71D0b2a1](#)

multicall2Address: [0x9CA4dcb2505fbf536F6c54AA0a77C79f4fBC35C0](#)

proxyAdminAddress: [0x76d539e3c8bc2A565D22De95B0671A963667C4aD](#)

tickLensAddress: [0x9c7d30F93812f143b6Efa673DB8448EfCB9f747E](#)

nftDescriptorLibraryAddressV1_3_0: [0x30cF3266240021f101e388D9b80959c42c068C7C](#)

nonfungibleTokenPositionDescriptorAddressV1_3_0: [0xb9F2d038150E296CdAcF489813CE2Bbe976a4C62](#)

descriptorProxyAddress: [0x8433dEA5F658D9003BB6e52c5170126179835DaC](#)

nonfungibleTokenPositionManagerAddress: [0xfA928D3ABc512383b8E5E77edd2d5678696084F9](#)

quoterV2Address: [0x117Fc8DEf58147016f92bAE713533dDB828aBB7e](#)

swapRouter02: [0x2cB10Ac97F2C3dAEDEaB7b72DbaEb681891f51B8](#)

permit2: [0x728BD3eC25D5EDBafebB84F3d67367Cd9EBC7693](#)

universalrouter: [0x7712FA47387542819d4E35A23f8116C90C18767C](#)

Timeline

Uniswap V3 has already been deployed on Abstract.