

# Basic Details

Project name:

Opti.domains | Interoperable domain name for the OP Stack

Author name and forum name (please provide a reliable point of contact for the project):

Chomtana Chanjaraswichai

Forum name:

[@chom](#)

Discord:

Chom#1652

Email:

chom@opti.domains

L2 recipient address:

0x8b6c27ec466923fad66Ada94c78AA320eA876969

Which Voting Cycle are you applying for?:

Cycle 11 - Builders

I confirm that I have read the landing pages for the [Builders 9](#) and [Growth Experiments 11](#) Sub-Committees and that I have determined my proposal is best suited to be reviewed by the Builders Sub-Committee: [Yes/No]:

Yes

## Project Details

### What are you going to build?:

Our team is currently focused on creating an interoperable domain name for the OP Stack, aiming to enable each deployed chain to deploy its own web3 domain permissionlessly independently

. This approach will facilitate seamless user onboarding from the main Optimism chain to the deployed chains. We have spent considerable time designing the domain model, with the primary objective of optimizing benefits for the Optimism community.

As a forward-thinking initiative, our project is designed to be dynamic and responsive to evolving needs over time. Our plan involved creating an ENS fork, which evolved into an interoperable domain name service and, finally, a subscription-based public good service. These transitions are necessary to ensure the long-term sustainability of our domain service and ensure that the Optimism community continues to reap its benefits.

Given the recent announcement by Optimism regarding the OP Stack, we perceive it as a golden opportunity for our project. Our team has identified a distinctive feature of the OP Stack, which allows for the deployment of a domain system across OP stack-based chains in a permissionless manner

, thereby enabling seamless interconnectivity among all chains.

Users can obtain their .op domains at no cost until 2025, along with the availability of optional supporter plans. Holders of .op domains can claim their .base and other domain names natively for each OP stack deployed chain without incurring additional fees. Chain operators may deploy opti.domains on their respective chains without requiring any permission, allowing for a wide range of customization options.

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## **Domain whitelisting**

As we offer free minting for our .op domains, we must prevent bots from minting and frontrunning the best domain names. Therefore, we have proposed a solution to this problem.

Participation in at least one of our campaigns is required to acquire a domain name. Additionally, we will leverage the current ENS domain holder database. To register a name in .op domains, one must be the rightful owner of the corresponding ENS domain at the time of the snapshot.

However, not all ENS holders have the right to mint their domain names, as some domains are reserved for special purposes, such as speculation or company branding.

Non-ENS holders can only register domain names not registered on ENS at the time of registration.

## **Why is what you are going to build going to succeed?:**

Optimism recently unveiled the OP stack, and our product perfectly aligns with that technology. To ensure the success of the OP stack, it requires shared infrastructure across chains. Opti.domains is a critical infrastructure that enables the instant deployment of a web3 domain name with a bridge system to enable seamless movement of users across OP stack chains.

Compared to ENS, which has an existing user base of over 2.5 million domains minted, we can rapidly implement new innovations, such as bridges, without worrying about an existing user base. This agility allows us to move quickly toward our goal of building a cross-chain domain name system.

Based on this advantage, we're in a good position to build a cross-chain domain name system. Additionally, we're committed to being sustainable by sharing 80% of our revenue after 2025 to support developers

in creating public goods that benefit both the Optimism ecosystem and Opti.domains holders.

Additionally, we value contribution over hype. We believe that this is a source of sustainable growth that drive the project to its goal.

## **Is your project likely to bring new builders to the Optimism ecosystem? If so, please describe how:**

Upon reaching the community participation phase, our project will engage new builders from the community, starting with university students, to develop supporting components. These individuals are typically new builders, and incentivizing them with attractive rewards will motivate them to create more public goods in the Optimism ecosystem.

## **Is your project likely to improve the quality of developers in the Optimism ecosystem? If so, please describe how:**

Indeed, our subscription model, which resembles that of Netflix, is specifically designed to motivate developers to strive for excellence to earn a larger share of the quarterly subscription fee distribution.

## **Is your project likely to improve the commitment of developers in the Optimism ecosystem? If so, please describe how:**

Indeed, our project is specifically designed to enhance the dedication of developers to public goods. Typically, these developers receive a substantial one-time payment, making it difficult to remain committed to their development projects. However, in the final phase, we adopt a Netflix subscription model to compensate developers on a quarterly basis. This approach ensures that developers are more likely to remain dedicated to their work and prioritize quality without worrying about the business aspects of their projects.

## **Provide us with links to any of the following for the project:**

- Demo:
- Testnet 1 - <https://testnet1.opti.domains>
- Axelar prototype - <https://axelar-domains.opti.domains>
- Testnet 1 - <https://testnet1.opti.domains>

- Axelar prototype - <https://axelar-domains.opti.domains>
- Website: <https://opti.domains>
- Twitter: @OptiDomains
- Discord/Discourse/Community: [Discord](#)
- Github: [Opti.domains · GitHub](#) (Not public yet)

[testnet1.opti.domains](#)

## [Opti.domains | Testnet 1](#)

Interoperable domain name for OP Stack. Distribute 80% of revenue starting from 2025.

[opti.domains](#)

## [Opti.Domains | A singularity-interoperable domain name connects every...](#)

A singularity-interoperable domain name connects every identity and wallet

**Do you have any metrics on the project currently? (TVL, transactions, volume, unique addresses, etc. Optimism metrics preferred; please link to public sources such as Dune Analytics, etc.):**

As we have not commenced any marketing yet, we currently do not have any current traction to report.

The value of a domain name itself is negligible, as anyone can fork ENS and launch it. The execution is what gives it value, much like NFTs. Our first campaign, an Ideathon, is designed to benefit both our project and the Optimism ecosystems in the long term. Apetism, Bored Town, and Zonic OG NFT holders are the initial group invited to participate in the campaign. The response from these NFT communities has been positive, with the community and founders supporting this campaign.

We will then collect these ideas and submit them to [GitHub - ethereum-optimism/optimism-project-ideas: Ways to contribute to the Optimism Collective](#)

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The campaign will be conducted in several phases, with the ultimate target being to reach 2000 high-quality users by the end of April.

**Who are your competitors?:**

Our direct competitors in the market are [Opnames.org](https://opnames.org) (ONS), OPNS, and Punk Domains.

However, we also see the potential for partnership with other parties offering similar solutions, such as ENS, Space ID, and ARB ID.

## What differentiates you from your competitors?:

When considering the skill sets of our competitors, it is noteworthy that many of them tend to be led by business-oriented individuals with a strong emphasis on marketing. In contrast, our team at Opti.domains is spearheaded by a development expert who possesses a unique and unparalleled skill set in the realm of cross-chain technology.

Furthermore, it has come to our attention that our competitors are not currently prioritizing permissionless deployment on OP stack chains, which we believe to be a crucial area of focus for both our and the Optimism ecosystem as a whole.

In essence, If marketing prowess is a top priority, ONS [Opnames.org](https://opnames.org) is your choice. However, if you prioritize innovation and cutting-edge technological solutions, then Opti.domains is a clear choice.

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Business Positioning (3)

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## Will your project be composable with other projects on Optimism? If so, please explain:

- Our domain name service is fully composable with any project operating on the Optimism and OP Stack, facilitating the use of domain names instead of wallet addresses.
- Our offering is particularly well-suited to multi-chain dashboard applications, providing a means to aggregate data from both Optimism and OP Stack deployed chains.
- Upon completion of our project development, we anticipate that our solution can play a pivotal role in supporting Optimism governance grants. Specifically, we plan to share 80% of the revenue generated from domain name sales after 2025 towards supporting relevant projects.
- Our domain name service is also ideally positioned for marketing collaboration with any NFT projects on Optimism and OP stack.

## Team

### Who are your founders?:

Chomtana Chanjaraswichai

Github: [Chomtana \(Chomtana\) · GitHub](#)

Discord: Chom#1652

### What makes your founders well-positioned to accomplish your goals with this project (1-2 sentences on each)?:

I have significant experience in cross-chain development and, last year, successfully developed a cross-chain domain prototype utilizing Axelar technology.

### Tell us about the rest of your team (if there are more teammates):

Currently, I am working independently on this project. However, I have devised a plan to collaborate with NFT communities to facilitate marketing efforts, as well as partner with universities to enable student involvement in development.

### Is this your first Web3 project?:

No

## If not, what else have you built? (Share links, Github repository, or any other useful information.):

I have built many web3 projects. Let's share the notable ones.

Axelar Domains

<https://axelar-domains.opti.domains>

(Original: <https://axelar-domains.chom.dev>)

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Axelar domains is a cross-chain domains prototype I have developed last year during a hackathon. Having observed the potential of OP Stack, I have determined that Optimism is the most suitable chain to initiate with.

AxelarSea NFT Bridge

[AxelarSea - First Cross-Chain NFT Bridge & Marketplace](#)

### [AxelarSea | First Cross Chain NFT Marketplace & Bridge](#)

First Cross-Chain NFT Bridge & Marketplace Unleashing the hidden potential of your NFTs Unshackle Your NFTs From The Constraints Of Chains. Trades With Any Tokens From Any Chains. Bridge NFTs With Full Utilization. Highlights from our successful...

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Our NFT bridging project, which leverages Axelar, has successfully attracted over 40,000 users, with more than 100,000 NFTs being minted on the testnet. Unfortunately, the project is currently paused due to the bear market in the NFT marketplace, where the cost is surpassing revenue.

However, if the Opti.domains project proves to be successful. We may resume the project and potentially rebrand it as a transport layer for bridging any asset that can be wrapped with an NFT.

## I understand that Builders grants are subject to a 1 year lock-up, as explained further in [this post 2](#): [Yes/No]:\*\*

Yes

## Is your project funded? If so, provide an estimate of how many months of funding runway your project has:

No

## Grant Request

### What is the size of the grant request? (50k OP max):

50000 OP

## How do you justify the size of the grant?

- Salary and cost reimbursement: 20k OP, given 12 months = approximately 1600 OP/month, which is fair for such an advanced development and managing hackathon to use it for the long-term benefit
- Marketing budget: 10k OP, given 12 months = approximately 800 OP/month. Necessary for bootstrapping the initial marketing campaigns. If not, then decentralized work and developer hackathons are not gonna happen.
- Decentralized work: 10k OP. I will break down tasks and analyze their dependencies. Given an average of 200 OP per task, we can have 50 tasks which are enough for bootstrapping the profile feature with a medium-sized group of university students.
- Hackathon reward: 10k OP. Hackathon is designed especially for developers to learn and develop creative mini public goods with rewards from multiple parties. We plan to reward 2000 OP per hackathon for 5 hackathons.

## Roadmap

### Describe in discrete steps your plan for accomplishing your project:

We've structured our plan into phases, yet each one is capable of running concurrently.

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### Please provide any additional information that will facilitate accountability: (smart contracts addresses relevant to the proposal, relevant organizational wallet addresses, etc.)

Testnet 1 Optimism goerli contract address

BaseRegistrarImplementation - 0x5884BBF32FDB51f383B1d230Ba97AB2C9f0BF81f

ENSRegistry - 0x796b0264191273C44e714ba546F6C3fdee76a4cE

ETHRegistrarController - 0x2eAbd2A3d33B76B93866e365126373C510eBc676

NameWrapper - 0xeA926EB6996235c2b47F95B7BFF3F4058B988E35

PublicResolver - 0x84Fa9a6ce9DDD062A945D2BB6991f75216c167Da

ReverseRegistrar - 0x148a550805893F1f53Cf8EFE6FA52488298bDcD9

Root - 0x5831322c96C06c9e2005B77e9241F84Dad4CBB9c

Testnet 1 Base goerli contract address

BaseRegistrarImplementation - 0xBDD4c9b9581bFcf03A73117D2FF8c8e888F91DA8

ENSRegistry - 0x3560E97fd220668eBF9189a9695aA111be33Af67

ETHRegistrarController - 0xE11572B0F18DC78F30cDDf44c402a5B79511105A

NameWrapper - 0x88D711a0BAc694e7C2D71Fcd7AC7896A02970911

PublicResolver - 0x4815B81B96AB011F4559bF9A160f6Cd796c113E6

ReverseRegistrar - 0x89904370d9f2F2555Ff18a73cdAAe8e7a78EaA8e

Root - 0xa005B448633e89917741fdeA8A5Ed971545bab80

## **Does your plan depend on the receipt of OP tokens?:**

Our core development plan doesn't depend on it as I have my personal fund available for years.

However, decentralized work and hackathon are depend on it. We have devised a solution to address this challenge through the use of NFTs. Eligible participants in our decentralized work and new-gen hackathon campaigns will receive NFTs, and we will offer buyback opportunities for these NFTs on our partnered marketplace.

## **What is your plan for the use of the OP token after the 1 year lock-up?:**

Our plan involves enabling NFT holders to claim their corresponding OP tokens. The remaining OP token will act as reimbursement for my cash paid and my salary in the development.

We plan to use remaining OP token for long-term self delegation to participate in the optimism governance. However, this approach is not the sole focus of our strategy.

## **Please provide benchmark milestones for this project. These milestones should guide the Optimism community on the progress of your project during the 1-year lock-up period.**

31 April 2023

- Discord members and Twitter followers: 2000
- Partners: 3
- Unique testnet participants: 1000
- Source of truth: Discord, Twitter, Etherscan

31 July 2023

- Discord members and Twitter followers: 10000
- Partners: 10
- Partner with Optimism, Axelar
- Unique domain holders on mainnet: 3000
- Source of truth: Discord, Twitter, Etherscan

30 September 2023

- Discord members and Twitter followers: 30000

- Partners: 20
- Partner with Optimism, Axelar, Coinbase Wallet
- Unique domain holders on mainnet: 10000
- Decentralized work developers: 5
- Source of truth: Discord, Twitter, Etherscan

31 January 2024

- Discord members and Twitter followers: 100000
- Partners: 30
- Partner with Optimism, Axelar, ENS, Coinbase Wallet
- Unique domain holders on mainnet: 50000
- Decentralized work developers: 50
- Source of truth: Discord, Twitter, Etherscan

Developer Hackathon

- Coordinated by Chom, Work with partners
- Organize once in Q4 2023
- Developers participated: 20
- Source of truth: Media

**Please define critical milestones for this project. Critical milestones are meant to show good-faith efforts to accomplish the project. Non-completion of these milestones could lead to revocation of remaining grant rewards.**

Testnet 1 - .op and .base domains prototype

- Developer: Chom
- Currently Live
- Source of truth: Working prototype, Deployed contract address

Testnet 2 - Final testing for mainnet release

- Developer: Chom
- 1 - 2 weeks after Optimism bedrock merge
- Source of truth: Working prototype, Contract address deployment

Mainnet release

- Developer: Chom
- 2 - 4 weeks after Optimism bedrock merge
- Source of truth: Working product, Contract address deployment

Universal Registry Resolver integrated to forked Ethers.js and Metamask (Prototype)

- Developer: Chom
- By 31 May 2023
- Source of truth: Github repositories and pull requests

Mainnet release on base



- Developer: Chom
- By 1-4 weeks after Base mainnet and Opti.domains mainnet both launched
- Source of truth: Working product, Contract address deployment

#### Cross chain domain (Prototype)

- Developer: Chom
- Prototype by 30 June 2023
- Continuously development
- Source of truth: Working prototype

#### Permissionless deployment on OP stack ecosystems (Prototype)

- Developer: Chom
- By the end of the year 2023
- Continuously development
- Source of truth: Working prototype

#### UI Redesign

- Developer: Decentralized work participants
- By the end of the year 2023
- Source of truth: Website

#### Profile system

- Developer: Decentralized work participants
- By the end of the year 2023
- Source of truth: Working product

Kindly note that we intend to leverage our current UI design for initial deployment on the mainnet, prior to the anticipated redesign. This approach will provide us with ample time and resources to concentrate on other high-priority tasks, such as cross-chain smart contract development.

## Optimism Relationship

### Does your project solve a problem for the Optimism ecosystem?:

Yes, we solve two major problems for the Optimism ecosystems

1. We provide domain name infrastructure for the OP stack ecosystems that enable each deployed chain to rapidly onboard users from the Optimism chain to their chain.
2. We incentivize new builders to contribute to the Optimism and OP stack ecosystems by providing an ongoing and sustainable reward system. This approach ensures that the ecosystem continues to grow and thrive over time.

### How does your proposal offer a value proposition for solving the above problem?:

While it is possible for other companies to develop similar domain name infrastructure, they may not be able to share 80% of their revenue with the community as we do. This is primarily due to the high expenses incurred by such companies. The revenue distribution is crucial for promoting the growth of the Optimism ecosystem and ensuring the sustainability of our project.

### Why will this solution be a source of growth for the Optimism ecosystem?:

Undoubtedly, having interoperable domain name infrastructure for the OP stack ecosystems is critical for the Optimism

ecosystem. With a domain name infrastructure, each chain in the OP stack can leverage it as a source of KYC or DID, which holds records of activities across chains. Additionally, we offer an 80% revenue-sharing model to accelerate the growth of the Optimism ecosystem. This approach incentivizes new developers to build on the Optimism chain and contributes to the overall growth of the ecosystem.

## **How committed are you (and your team) to building on Optimism?:**

I am committed to building crucial infrastructures such as cross-chain domain infrastructure, as well as infrastructure to support ENS from all chains through ethers and MetaMask wallet. Additionally, I will facilitate decentralized work and developer hackathons to create other necessary supporting components, ensuring the scalability and sustainability of the project. That's why we dedicate 80% of the revenue to the community.

## **Is your project Optimism Native?: Yes**

# **Confirmations**

I understand that I will be required to provide additional KYC information to the Optimism Foundation to receive this grant: [Yes/No]:

Yes

I understand that I will be expected to following the public grant reporting requirements outlined[here](#): [Yes/No]:

Yes