



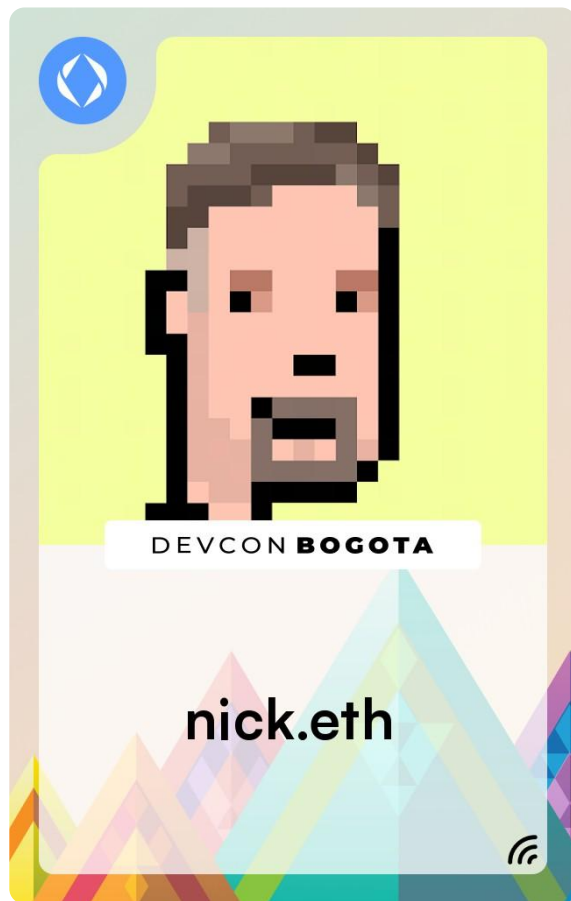
# State of the ENS

# ENS Swag!

Sign up at [swag.ens.domains](https://swag.ens.domains)

Come to our booth on  
Level 3 to collect yours

 @ensdomains



# Agenda

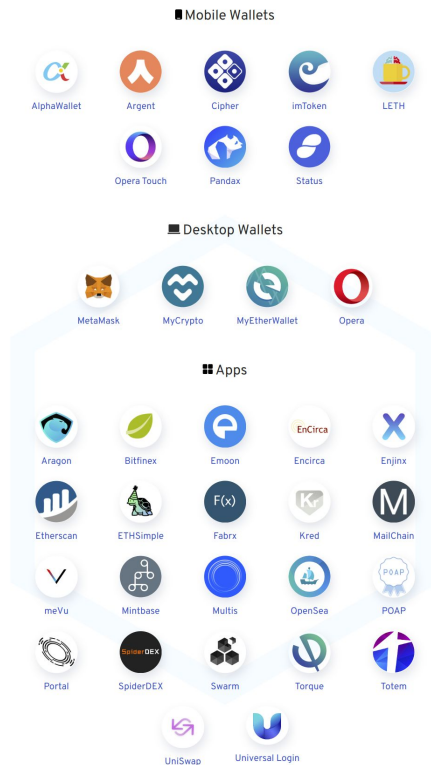
1. Recap
2. Thorin: ENS's new look
3. Scaling ENS with EIP-3668 & EIP-5559
4. The Name Wrapper & other beasts
5. Zero-gas DNS integration
6. Conclusion



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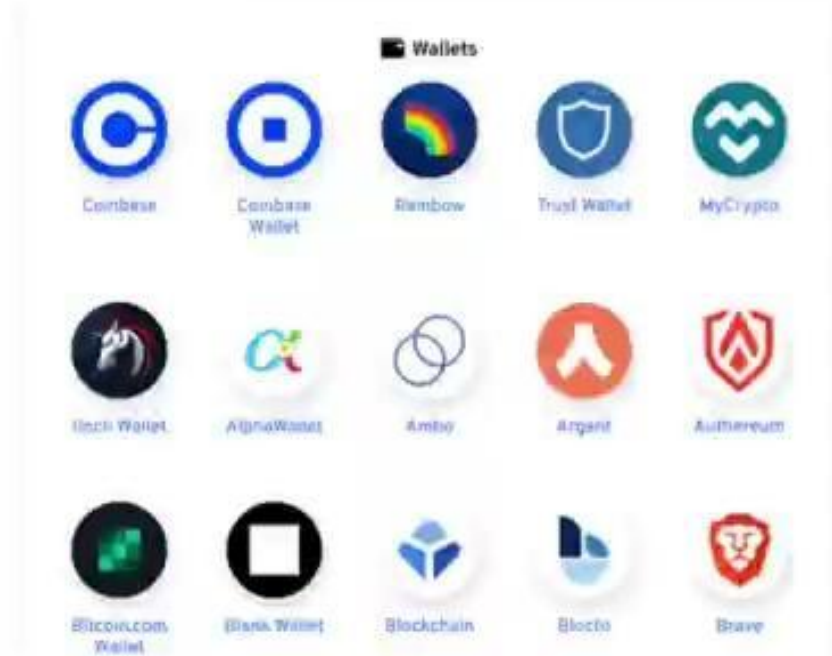
# Recap

# When we last left our heroes...



## Time-skip to the present day

### ENS Ecosystem



# ENS Growth Since 2019

	October 2019	October 2022
<b>Integrations</b>	34	507
<b>Active Registrations</b>	310,000	
<b>Unique Addresses</b>	96,000	
<b>Registration Years</b>	66,700	
<b>ENS Treasury</b>	382Ξ	



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# DNS Integration for everyone

- 1331 / 1486 TLDs (89.5%) support DNSSEC
- Every one of them can be used in ENS
- Just ask luc.computer




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# ENS as your web3 identity



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**nick.eth**

Expires	October 24, 2023
Controller	<b>nick.eth</b>  0xb8c...267d5
Registrant	<b>nick.eth</b>  0xb8c...267d5

View Details



SIGN-IN WITH

**ETHEREUM**

Your Keys, Your Identifier

GET STARTED

## SIWE

The result of a joint grant  
from ENS and the EF

Now a major part of web3!



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# ENS DAO

- Over 30 proposals passed
- >11k onchain voters
- >800 MAU
- 3 active WGs
- Grant Programs



Introducing \$ENS →

## Help decide the future of ENS

With the launch of **\$ENS** and the **DAO**, the community will be empowered to govern the ENS protocol.

Connect wallet

[← Back](#)

## Public Goods Round 2

The **Top 5** voted proposals of this round get **1 ETH** each **1.2M** total votes  
**Voting closed 4 days ago**

Projects eligible for the Public Goods small grants rounds have a broader scope that benefits the entire Ethereum or Web3 space.

Applicable projects should not be ENS-specific but may include ENS functionality. An example is etherJS, a developer library that has utility throughout Web3, not only for those building with ENS.



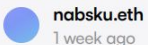
**Revoke.cash**  
Helping you stay safe in web3

1M votes



**Override Snapshot Strategy**  
Allows delegators to override their delegates on Snapshot votes

970.5K votes



**Dappnode Builders Guild**  
The Dappnode Builders Guild is a small sub-DAO that listens to users requests and tries to build and support various packages for the Dappnode community.

765.6K votes

# DAO Highlight

## Small Grants Program

# DAO Highlight

## Public goods funding

- 200k ENS to Protocol Guild
- \$169k GitCoin Matching Pool
- Over \$400k in grants last quarter



they were reserved at



**nick.eth** 

Nick Johnson  
Delegate

Posted 19 hours ago Joined Mar 4, '20 Read 3d (4h recently) Solutions 2

**Governance Stats**

**Delegated votes:** 195K  
**Snapshot voting:** 100%  
**On-chain voting:** 91%


**Voting History**

Showing latest 3 nick.eth's votes

[EP2.2.4] [Social] ENS Endaoment		For
Off-chain   Executed September 14, 2022		
Execute EP16 This proposal executes: - [EP16.1] Q3...		Yes
On-chain   Executed August 15, 2022		
Dissolve the community WG multisig per EP15 This p...		Yes
On-chain   Executed August 15, 2022		

 Regular  Famous Link  Great Share +30 More







.eth

NFD↔NFC
Escape
Copy Link
Resolve

Name:





ZWJ

ZWJ

ZWJ

ZWJ

ZWJ
.
eth



37 bytes
Basic+Emoji
OpenSea
Metadata
ENS







9<sub>ch</sub>
1F514 1F37F 1F469 200D 1F469 200D 1F466 200D 1F466
0xb870b04dc0507f3864588cbcc00b86cbea3ddf743b9397117a7a9624ba3b0979

eth
3<sub>ch</sub>
65 74 68
0x4f5b812789fc606be1b3b16908db13fc7a9adf7ca72641f84d75b47069d3d7f0

Namehash: 0x998df7a12840b78efbd5e752c31e8918995ce9c60230b8672c6b83ef101b0560

Ethmoji:
 1
 1
 1
Unique: 3

Beautified:




.eth
Copy
Resolve


DNS:
xn--lugaa57798bc7ababq94m.eth
Copy
Copy Mangled
 Pre-IDNA Punycode Required

Resolver:
 Name Not Found
440ms

Availability:
9<sub>ch</sub>
Available
436ms






















# DAO Highlight

New normali[sz]ation  
function replaces UTS-46.



# Community Projects

ethleaderboard.xyz

<div><div>.eth Leaderboard</div><div></div></div>			
The most followed Twitter accounts with .eth names			
> 1.9m		> 159.2k	> 19.9k
Followers for Top 10		Followers for Top 100	Followers for Top 1000
Search...		117,701 names 1 2 ... 1178	
Rank	Name	Twitter	Followers
1	 treysongz.eth →	 @TreySongz	13,656,324
2	 laurdiy.eth →	 @laurDIY	5,666,335
3	 mariobautista.eth →	 @mariobautista_	5,450,583
4	 rayito.eth →	 @DebRyanShow	4,610,139
5	 drakebell.eth →	 @DrakeBell	4,422,062
6	 vitalik.eth →	 @VitalikButerin	4,387,559
7	 mariogotze.eth →	 @MarioGoetze	4,184,441
8	 Erigga.eth	 @erigganewmoney	2,290,121
9	 puma.eth →	 @PUMA	1,933,348
10	 wakaflocka.eth →	 @WakaFlocka	1,881,402

# Community Projects

ens.vision



ENS.Vision

Search for categories, and names...

Market

Categories

Bulk Search

FAQ

Checkout

Bulk Reg

Connect Wallet

ENS Markets Unleashed.

Discover and trade ENS names across marketplaces.

List a Name

Explore

🔥 Top Categories (24h).

Triple Ethmoji	58.390€
10k Club	55.549€
Single Ethmoji	46.550€
100k Club	29.226€

🔥 Top Sales (30d).

patriots.eth	75.0€
022.eth	69.22€
051.eth	61.0€
047.eth	50.0€

🔥 Top Sales (7d).

468.eth	46.8€
408.eth	40.8€
623.eth	36.2€
948.eth	33.948€

🔥 Top Sales (24h).

4.eth	18.0€
0.eth	15.0€
0.eth	15.0€
0.eth	10.0€

Top Categories.

01. Triple Ethmoji Floor: 0.69	58.39 \$79,344.42	07. 4LD Floor: 0.0289	10.7358 \$14,588.56	13. 999 Floor: 3.29	3.3 \$4,484.27
02. 10k Club Floor: 2.499	55.5494 \$75,484.36	08. FFN Floor: 0.03	8.945 \$12,155.09	14. 999 ENS Floor: 0.2888	2.9834 \$4,054.05
03. Single Ethmoji Floor: 1.88	46.55 \$63,255.4	09. NOUNS Floor: 0.02	8.00 \$10,870.96	15. 5DP Floor: 0.749	2.47 \$3,356.61

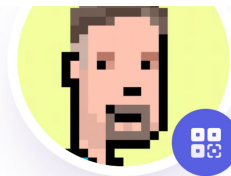


# Community Projects

nimi.io



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nick.eth

◆ 0XB8...67D5 | nick.eth

Lead developer of ENS & Ethereum Foundation alum. Certified rat tickler. he/him.

Claim Your N/M / Profile

✉ arachnid@notdot.net

🔗 ens.domains

🐦 nicksdjohnson

🎧 arachnid

🗨 nickjohnson#0001

📌 nicksdjohnson

POAPs

Full Collection



**True Names Limited**



**ENS Labs Limited**

# Thorin: ENS's new look

# Web3-first design

- Faster
- Mobile-friendly
- Better UX for new and experienced users

[alpha.ens.domains](https://alpha.ens.domains)



# ENS Design System (alpha)

Design system for ENS built with React and styled-components.

## Install

```
yarn add @ensdomains/thorin
```

## Set Up

Wrap the root of your app in a [ThemeProvider](#) module. Import **ThorinGlobalStyles** and declare it as a child of **ThemeProvider**. Import **lightTheme** or **darkTheme** and pass it to the **ThemeProvider**. Add [Satoshi](#) to your font stack.

In this example we are adding the **lightTheme**.

```
import React, { useState } from 'react'
import { ThemeProvider } from 'styled-components'
import { ThorinGlobalStyles, lightTheme } from '@ensdomains/thorin'

const App = () => {
  return (
    <ThemeProvider theme={lightTheme}>
      <ThorinGlobalStyles />
    </ThemeProvider>
  )
}
```

Not just for ENS

[thorin.ens.domains](https://thorin.ens.domains)



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# Scaling ENS

With EIP-3668 and EIP-5559

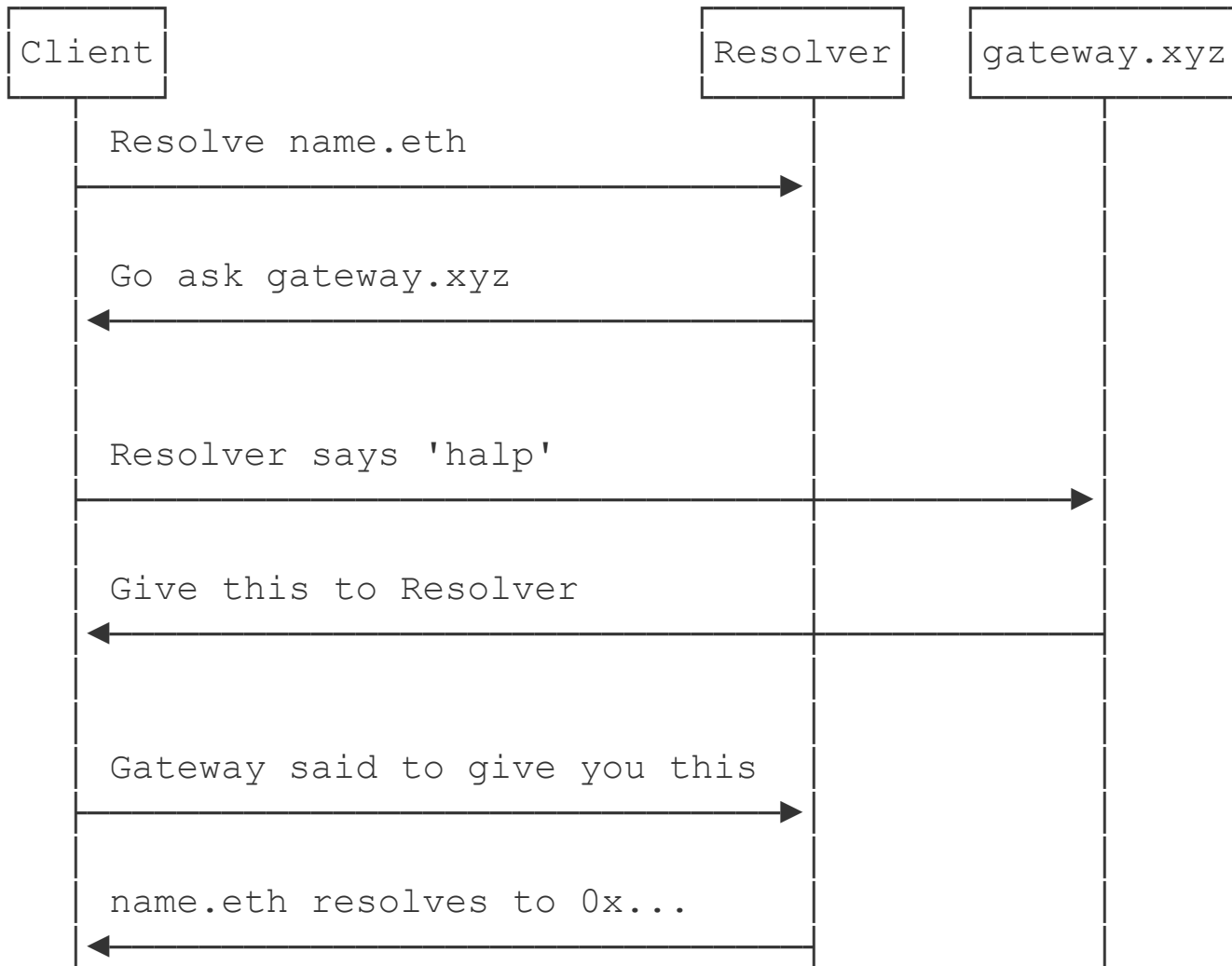
# CCIP-Read / EIP 3668

Store data offchain with:

- No new trust assumptions
- No client knowledge of the system in use
- No L1 commits on update
- No transactions for queries
- No hard requirements on the L2's capabilities



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# CCIP-Read in the wild

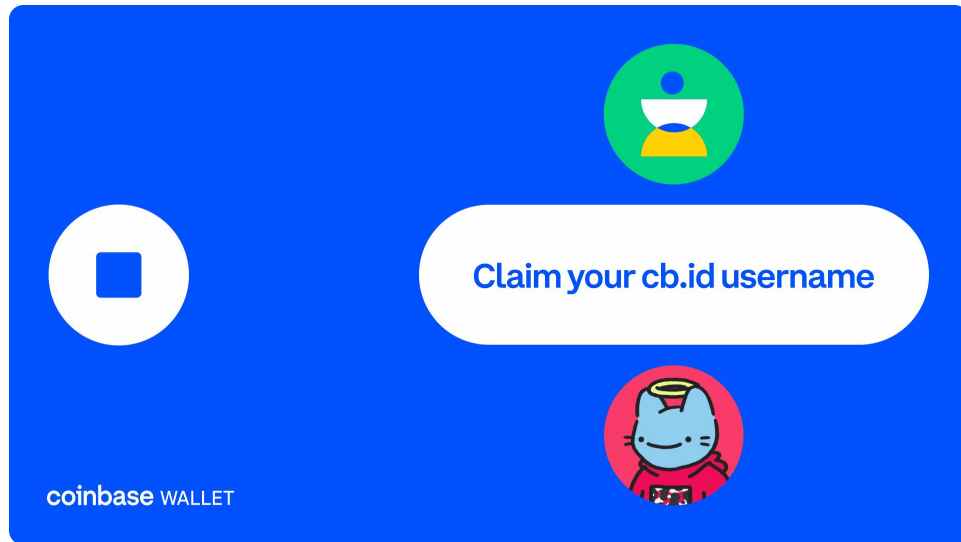
- EIP-3668 is final
- Supported in ethers and web3.py
- Supported in major apps too: Metamask, Coinbase, Etherscan
- Not just for ENS!

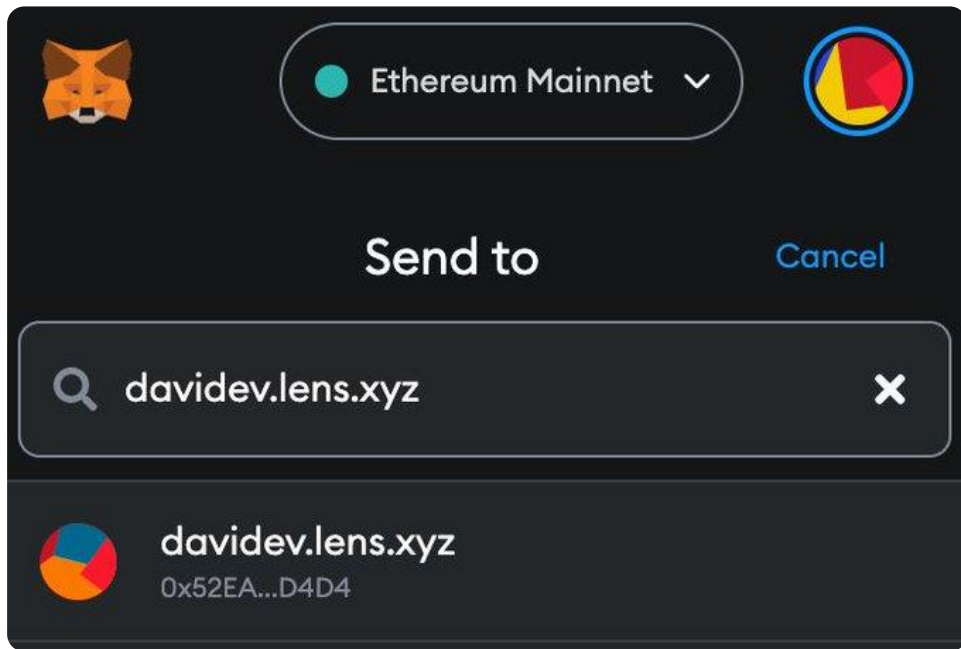


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# Coinbase ↔ ENS

Issuing .cb.id names via  
CCIP-Read





## Lens ↔ ENS

Lens ENS bridge via  
.lens.xyz

# EIP-5559: Write Deferral

In collaboration with Coinbase

- Write via L2/Sidechain
- Write via signed message



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# The Name Wrapper and Other Beasts



# The Name Wrapper

## Problem:

- .eth 2LDs (eg foo.eth) are ERC-721 NFTs, but other ENS names aren't
- Trustlessly issuing subdomains is possible, but awkward

## Solution:

- The Name Wrapper makes all names ERC-1155 NFTs
- **and** facilitates trustless uses of ENS



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**Can Burn  
Fuses**



**Can Unwrap**



**Can Replace  
Subdomains**



**Can Create  
Subdomains**



**Can Set  
Resolver**



**Can Set TTL**



**Can  
Transfer**



# Other Beasts: Contract Improvements

- New .eth registrar controller
  - Improved gas efficiency
  - Bulk record setting at registration time
  - Set primary name at registration time
- New reverse registrar
  - New events for better Graph support etc
  - Contract owners can claim on behalf of contracts
- New public resolver
  - Support for clearing all records via versioning mechanism



**CCIP-Read + DNSSEC =  
Zero-Gas DNS**

# DNSSEC Overview

- Zones are signed using a chain of trust, like SSL/TLS
- Special records are used to store keys and signatures - DS, DNSKEY, RRSIG, etc
- ENS's DNS integration uses this to verify claims of ownership

# CCIP-Read to the rescue

What's DNS if not a large offchain database with cryptographic proofs?



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# Wrapping Up

# Get involved in Governance

<https://ens.domains/governance/>



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# Thank you