The first 13 years of
Blockchain Name Systems

By Neiman
Peer to peer websites
Peer to peer websites

ESTERIIDS

Citadef

Almonit

ENS DAO DWeb Services Beta
Please do not propagate this information widely yet. I'm still working on it.
Zooko’s Triangle (2001)
Zooko’s Triangle (2001)
Zooko’s Triangle (2001)

- Human meaningful
- Secure
Zooko’s Triangle (2001)

- Human meaningful
- Decentralized
- Secure
Name
Blockchain = Big Dumb Object
Interesting Trivia Details

• Names: 255 bytes on chain
Interesting Trivia Details

• Names: 255 bytes on chain
• No subdomains
Interesting Trivia Details

- Names: 255 bytes on chain
- No subdomains
- Names spaces: d/example id/example
Interesting Trivia Details

- Names: 255 bytes on chain
- No subdomains
- Names spaces: d/example id/example
- Cost: 0.1 NMC
Interesting Trivia Details

- Names: 255 bytes on chain
- No subdomains
- Names spaces: d/example id/example
- Cost: 0.1 NMC
- Atomic name swap
# Historical Snapshot - 28 April 2013

<table>
<thead>
<tr>
<th>Rank</th>
<th>Name</th>
<th>Symbol</th>
<th>Market Cap</th>
<th>Price</th>
<th>Circulating Supply</th>
<th>% 1h</th>
<th>% 24h</th>
<th>% 7d</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Bitcoin</td>
<td>BTC</td>
<td>$1,488,566,971.96</td>
<td>$134.21</td>
<td>11,091,325 BTC</td>
<td>0.64%</td>
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<tr>
<td>2</td>
<td>Litecoin</td>
<td>LTC</td>
<td>$74,637,021.57</td>
<td>$4.3484</td>
<td>17,164,230 LTC</td>
<td>0.80%</td>
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<tr>
<td>3</td>
<td>Peercoin</td>
<td>PPC</td>
<td>$7,250,186.65</td>
<td>$0.3865</td>
<td>18,757,362 PPC</td>
<td>-0.93%</td>
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<td></td>
</tr>
<tr>
<td>4</td>
<td>Namecoin</td>
<td>NMC</td>
<td>$5,995,997.19</td>
<td>$1.1072</td>
<td>5,415,300 NMC</td>
<td>-0.05%</td>
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<td></td>
</tr>
<tr>
<td>Block Height</td>
<td>Age</td>
<td>Transactions</td>
<td>Value Out</td>
<td>Difficulty</td>
<td>Extracted by</td>
<td></td>
<td></td>
<td></td>
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<tr>
<td>-------------</td>
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<td></td>
<td></td>
</tr>
<tr>
<td>703727</td>
<td>1 hour 22 minutes</td>
<td>1</td>
<td>1.2 kB</td>
<td>6.25 NMC</td>
<td>47.10 T</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>703726</td>
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<td>1.2 kB</td>
<td>6.25 NMC</td>
<td>47.10 T</td>
<td></td>
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</tr>
<tr>
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<td>1.2 kB</td>
<td>6.25 NMC</td>
<td>47.10 T</td>
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<td>1.1 kB</td>
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<td>47.10 T</td>
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<td></td>
</tr>
<tr>
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<td>1.9 kB</td>
<td>13.82797072 NMC</td>
<td>47.10 T</td>
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<td></td>
<td></td>
</tr>
<tr>
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<td>1.2 kB</td>
<td>6.25 NMC</td>
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</tbody>
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Why did it fail?
2016
2016
ENS announced
Auctions
Updates
2017

ENS temporary registrar
2018
Handshake announced
Step backwards
Step forward 1: short proofs
Step forward 2: gift economy
Step forward 3: auctions
2020

Covid launched
2020
Handshake launched
Namecheap bought a Handshake domain for $750k

Andrew Allemann  12 Comments  March 18, 2022

Domain auction concludes with bid valued at $750,000.
Sci-Hub Leaves Handshake Blockchain After 2 Days, Citing Centralization Concerns

Sci-Hub, a pirate library of academic papers censored by Twitter, PayPal and domain systems, left the distributed domain platform Handshake after two days, unsatisfied by the level of decentralization.
ENS = Web3 ID
A search engine for the decentralized web

.eth websites bot
Tweets daily new .eth websites
Proposal metrics

Delegated token / Total supply
4M ENS / 100M ENS (4% delegation)

Quorum
1M ENS (1% of supply)

Proposal
100K

All Proposals

Proposal by avsa.eth
[EP5.2] [Executable] Commence Streams for Service Providers
Status: Executed
1.4916M For

Proposal by nick.eth
[EP5.1] [Executable] Upgrade DNSSEC support
Status: Executed
1.5264M For

Snapshot Proposal
2024 Public Goods Working Group Steward Election
Status: Closed
Voting

Snapshot Proposal
[EP4.10] [Social] Proposal: Transfer ENS Root Key Ownership to the
Status: Closed
Voting

Snapshot Proposal
[EP4.9] [Social] Select providers for EP4.7 streams
Status: Closed
Voting

Snapshot Proposal
2024 Ecosystem Working Group Steward Election
Status: Closed
Voting

Snapshot Proposal
2024 Meta-Governance Working Group Steward Election
Status: Closed
Voting ended about 2 months ago
8 Choices

Proposal by nick.eth
[EP4.6] [Executable] Endowment permissions to karpatkey - Und...
[EP4.10] [Social] Proposal: Transfer ENS Root Key Ownership to the ENS DAO

Abstract

The ENS DAO has established itself as the key governance entity for the Ethereum Name Service (ENS) and has demonstrated capability and responsibility in ownership of several aspects of the protocol. We now propose the further decentralization of the ENS governance structure by transferring ownership of the ENS root key from the current multisig system (multisig.ens.eth) to the ENS DAO (wallet.ensdao.eth).
Introducing $SENS
2023
Top 10 Blockchain Domain Name Systems

Web3 is picking up pace, and grabbing a blockchain-based domain name early could be worthwhile.

BY ELVIS GWARO      PUBLISHED SEP 21, 2023
- Subdomains
- CCIP: escaping Ethereum blockchain
- Joining ICANN
2024-2029
• Internet IDs
• Internet IDs
• Social aspects of a name
• Internet IDs
• Social aspects of a name
• Private name system
Thank you!