

Make Polkadidentity a username authority

Proponent:

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Authority: HurhThD66KBuF2zcE9Zhx46sCqNJXviKhWAct95rBCkPuix (**Polkadidentity**)

DOT requested: NONE

Learn more about Polkadidentity at <https://polkadidentity.com>

1. Changelog

Date	Version	Author	Changes
14/04/2025	v1.0	Polkadidentity	Initial draft

2. Context of the Proposal

Inspired by the first username authority proposal made by Parity at <https://polkadot.polkassembly.io/referenda/1177> seeking to provide **.DOT** usernames through their new upcoming Polkadot mobile application, this proposal aims to make Polkadidentity also an username authority.

We believe that Polkadidentity has already demonstrated its success by being the first fully automated platform **completely focused** on identities at People Chain.

With that expertise, we believe we can accelerate the adoption of the usernames through the Polkadot ecosystem, allowing users to register their username and providing the necessary tools and clients for other services like mobile wallets and dApps can start using this feature.

- Provides on-chain short usernames (e.g., **Alice.DOT**) that replace cumbersome wallet addresses, simplifying interactions across dApps, wallets, and products in the Polkadot ecosystem.
- The authority will be backed by Polkadidentity, integrating their expertise in identity solutions, privacy, and blockchain technology.

Why Polkadot Needs .DOT Usernames

- Aligns with Polkadot's mission: A lightweight, user-friendly Polkadot-specific identity system complements the network's experimental spirit and innovation.
 - Eases adoption for non-tech-savvy users: Enables easy linking of wallet addresses with human-readable usernames.
 - On-chain and decentralized: Unlike off-chain solutions (e.g., Coinbase's `.eth` usernames), the .DOT registry will be managed fully on-chain by identity pallet and the username authorities registered on-chain.
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3. How Does This Work?

Core Workflow:

- Authority Creation:
 - Polkadentity will register a .DOT username authority via an on-chain proposal using the Identity pallet on the People chain of Polkadot.
 - Once authorized, the .DOT authority will be able to issue .DOT usernames.
 - User Onboarding through Polkadentity platform:
 - Users can request a .DOT username (e.g., `Bob.DOT`) directly within the Polkadentity website.
 - The platform submits the .DOT username request to the .DOT authority for registration on-chain.
 - On-Chain Registration:
 - The .DOT authority will register the requested username on-chain and associate the username with the user's Polkadot wallet address.
 - dApps, wallets, and other products in the Polkadot ecosystem can query this registry for seamless username-to-address mappings (read-only).
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4. Q & A

Is this the first .DOT username authority in the Polkadot ecosystem?

No, this proposal will introduce the second .DOT username authority, the first one is Parity, you can take a look at their referendum at <https://polkadot.polkassembly.io/referenda/1177>

What can the .DOT authority do?

- Create .DOT usernames upon request.
- Link registered usernames to Polkadot wallet addresses.
- Enforce basic standards and guidelines for username usage, through their registration process.

Will there be censorship or filtering?

Though there is no filtering/censorship at the blockchain level, our authority will implement moderation in our application platform to ensure basic decency and prevent malicious misuse (e.g., usernames that promote hate speech or scams).

Who manages the authority?

Polkadentity will manage this username authority. It is important to note that other authorities might be registered with the same suffix, Parity, for example, is also a username authority.

Does the server or authority hold user private keys?

No, the authority does not hold any user keys. The username-to-wallet association is a process made by the Identity Pallet at People Chain entirely transparent and on-chain.

What happens if a username is deleted?

Deleting a .DOT username will only remove the on-chain association. It has no impact on a user's wallet address, private keys, or funds.

5. Who are we?

The team behind Polkadentity is composed of individuals who, beyond being friends, have been business partners for over 15 years. Together, they've developed more than 50 projects and won dozens of international awards, in multiple niches. Polkadentity is the most recent project in this long-standing collaboration.

WinterStamp (Leonardo Custodio)

An accomplished software engineer with ten years of experience, joined the Polkadot ecosystem four years ago. He has recently graduated from the Polkadot Development Program offered by Sunset Labs and PUCPR in 2024 and has also graduated at the [Polkadot Blockchain Academy](#), Wave 6. His active involvement includes participation in the 1KV Program and both cohorts of [Decentralized Nodes](#).

Leonardo is the creator of Polkadart (<https://polkadart.dev>), a library designed to simplify the development of hybrid applications using Flutter for Polkadot. His leadership has resulted in over six grants delivered to the Web3 Foundation, promoting easier access for developers.

Additionally, he founded Polkadentity (<https://polkaidentity.com>) in Q3 2024, focused on enhancing trust within the Polkadot ecosystem through reliable identity solutions. Leonardo's dedication and contributions to the Polkadot community highlight his passion for advancing blockchain innovation.

Jay Stormy (João Pedro Novochadlo)

João is currently the Chief Marketing Officer (CMO) at DUX/Decentral, a fintech company focused on financial solutions for the creator economy. While rooted in Web2, the company explores Web3-native infrastructure and has received multiple grants—including from the Moonbeam parachain—for its on-chain innovations.

Previously, João was Project Manager for Innovation and Artificial Intelligence at the Secretariat of Economic Development of Curitiba (Brazil), where he led city-level strategies around AI, digital identity, and open innovation.

He also served as Head of Marketing at Socios.com (Chiliz) in Brazil, where he played a key role in expanding the platform's presence across Latin America.

João is a multi-awarded innovator, with his most recent recognition being the Future Maker award at the 2024 BRICS Solutions Awards, where he represented Brazil among over 1,300 global applicants.