

Proposal for Making a `.KSM` Username Authority

Proponent:

WinterStamp - HnvBKihg27L2n6ijV1hfvYQDESrd9kwnBB7KjSt5boR8iUL

Authority: HurhThD66KBUf2zcE9Zhx46sCqNJXviKhWAct95rBCKPuix (PolkaIdentity)

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1. Changelog

Date	Version	Author	Changes
07/04/2025	v1.0	PolkaIdentity	Initial draft

2. Context of the Proposal

Inspired by the `.DOT` username authority proposed by Parity for the Polkadot app at <https://polkadot.polkassembly.io/referenda/1177>, this proposal aims to create a `.KSM` username authority for the Kusama ecosystem, leveraging the same Identity Pallet on the Kusama People chain. Kusama, as Polkadot's, fast-paced cousin, provides an excellent testing ground for innovative identity solutions. As the reputation and potential of the Kusama ecosystem grow, a `.KSM` username system will simplify wallet transfers, enhance user experience, and encourage user onboarding for newcomers. This `.KSM` authority:

- Uses the same principles as the `.DOT` usernames but tailored for Kusama's ethos and user base.

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

Why Kusama Needs `.KSM` Usernames

- **Aligns with Kusama's mission:** A lightweight, user-friendly Kusama-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 `.KSM` registry will be managed **fully on-chain** by the proposed Polkadentity Authority.
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3. How Does This Work?

Core Workflow:

- **Authority Creation:**
 - Polkadentity will register a `.KSM` username authority via an on-chain proposal using the Identity pallet on the People chain of Kusama.
 - Once authorized, the `.KSM` authority will issue Kusama usernames.
- **User Onboarding through Polkadentity platform:**
 - Users can request a `.KSM` username (e.g., `Bob.KSM`) directly within the Polkadentity App.
 - The app submits the `.KSM` username request to the `.KSM` authority for registration on-chain.
- **On-Chain Registration:**

- The `.KSM` authority will register the requested username on-chain and associate the username with the user's Kusama wallet address.
 - dApps, wallets, and other products in the Kusama ecosystem can query this registry for seamless username-to-address mappings (read-only).
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4. Q & A

Is this the first `.KSM` username authority in the Kusama ecosystem?

Yes, this proposal will introduce the first `.KSM` username authority.

What can the `.KSM` authority do?

- Create `.KSM` usernames upon request.
- Link registered usernames to Kusama 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?

Polkadidentity will manage this username authority. It is important to note that other authorities might be registered with the same suffix, this means Polkadidentity will **not** be the only authority capable of registering `.KSM` usernames.

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 on Identity Pallet at People chain entirely transparent and on-chain.

What happens if a username is deleted?

Deleting a `.KSM` 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 niche. Polkadentity is the most recent project in this long-standing collaboration.

WinterStamp (Leonardo Custodio)

An accomplished software engineer with ten years of experience, having 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 is currently a student 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 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.