Attestations on Verax

About

Verax is a community initiative by Consensys (the team behind Linea), Clique, Karma3 Labs, Aspecta, PADO Labs, and Reclaim Protocol to build out a shared, on-chain attestation registry on EVM chains.

As an issuer of Proof of Machinehood attestations on Verax, we have implemented:

- MachinehoodPortal.sol
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    - The entrypoint contract where users can submit POM attestations using their device built-in authenticator.
- MachinehoodModule.sol
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    - The module contract that implements on-chain validation logic by integratingPoM smart contract libraries.
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Schema

Field Content Schema ID 0xfcd7908635f4a15e4c4ae351f13f9aa393e56e67aca82e5ffd3cf5c463464ee7 Schema Name Proof of Machinehood Attestation Schema Description https://docs.ata.network/automata-2.0/proof-of-machinehood Schema Context NONE Schema String bytes32 walletAddress, uint8 deviceType, bytes32 proofHash The schema comprises three fields:

- walletAddress
- : The wallet address of the user who submitted the attestation.
- deviceType
- : The type of device being attested by the user.
- proofHash
- : The hash of the attestation proof, that needs to be validated by the module.
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Schema Significance: The schema indicates that the owner of thewalletAddress is attesting to owning a device ofdeviceType and provides a proof whose hash isproofHash .

If you would like to learn more about submitting PoM Attestations on Verax, check out thesource code

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Faucet Demo

TheFaucet demo is a thoughtful example of how on-chain machine attestations can support and pilot a variety of applications within Web3. Users receive tokens from the faucet upon successful verification of their submitted attestation on Verax for a predefined period.

L2Faucet is a multi-faucet that shares a similar approach. Backed by Proof of Machinehood, the faucet distributes tokens to users across the Layer 2 ecosystem, including Base, Arbitrum, Optimism, Scroll, and Taiko. Attest to receive Sepolia testnet tokens at the same time across multiple Layer 2 networks.

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