Inter-chain NFT

Inter-chain NFT and Metadata standard (NFT-RFC) is a design document describing a particular protocol, standard, or feature which is recommended by the InterNFT Working Group which started this document in this Git repo. The interchain NFT + Metadata standard process is the basis of Parabellum's KYC/AML process.

There are many use cases for Parabellum to build a KYC/AML or identification engine. The idea is to embed the data attestation engine into the mobile devices. According to the 2021 mobile usage statistics published by Oberlo, there are 6.4 billion mobile device owners. These mobile users spend an average of 2.55 hours on their mobile devices. As of this writing, mobile activities are online shopping and mobile research. But from day one of 2021, DeFi increased in consumer and individual investors. Because of the nature of Blockchain technology's anonymity, the concern from regulators are concerning anti money laundering and terrorist organization funding that cannot be traced. KYC or "Know Your Customer" and AML, "Anti Money Laundering" process is now widely practiced in many online DeFi exchanges. Parabellum sees the opportunity to lead in this space.

Authentication

In any process, an attestation of a person comes from authenticating and validating the user of the device This is all built into the SIM of the mobile device

Attestation

Data must be collected in order to provide proper attestation in any given use case. Below is a list of individual information that are basic requirements when validating an individual.

1. Full legal name
2. Date of Birth
3. Country of birth
4. Country of citizenship
5. Height and weight
6. Color of eyes
7. Color of hair
8. Contact information
    a. email address
    b. mobile phone number and/or landline number
    c. Home address
    d. Mailing address

The basic information collected must also come with supporting documents such as but not limited to the list:

1. Passport
2. Driver's License

3. Birth Certificate
4. Government issued identification cards(Real ID, PhilHealth, National ID or voter ID)
5. Social Security Number or Social Insurance Number or TIN

There's other miscellaneous information that can be provided in order to provide better attestation of an individual in any use case.

1. Credit card(showing full name and signature)
2. Sample signature and initials
3. Firearms or CCW license
4. Subscription to any service or products
5. Bank statements
6. Credit information with credit companies

Gathering information for a disabled person should be accommodated within this process and/or in the authentication process.

Attribution

This is a government and financial institution or any other institution that requires special access. A use case example would be an individual attribute of good credit score or history of bankruptcy. Another case would be violation from minor traffic to arrest history.

Accessibility

Abstract use cases of access to places that require security access. Like government or corporate office buildings. A use case of a person working for corporate X will only have access to the 3rd floor and no other floors in the building. Design how to create and retrieve the current NFT record.

Admissibility

Abstract use cases of attestation. The attestation for admission for places like concerts with attestable purchased ticket. Or admission to a club meeting age requirement. Or admission to places restricted with Covid or other future pandemic requirements.

Actualization

The same as attribution

Accurization

Data accuracy

Aliasing

Digital Rights Management

Aggregation

Contains all data collected from aliasing

Appendable

Any data that may have changed from attribution, accessibility, admissibility, actualization, accurization, and aliasing.

Augmenting

Physical representation of an individual

Cosmos Non-fungible Token

The NFT object consists of a header and a payload. The header contains the basic data information. The data to be included in the header will depend on size restriction for the header. The payload or the main body of the NFT will consist of all metadata for each use case.

Will need to inherit both the NFT interface and the base NFT from [Cosmos SDK](*Please keep in mind that the Cosmos SDK is going through changes and usage may change from the time of this writing*).

KYC/AML 3rd Party Integration

By integrating with 3rd party APIs, we will let the API do all the heavy lifting of vetting the data entered by the user being KYC'd. The images and digital documents will all be done and stored by the 3rd party vendor. While Parabellum will store the metadata we collect on the NFT side. Foreign ID from the external API, used for reference, and the NFT ID will be stored and used for references.

Use Case Example of Admissibility

Use Case Example of Accessibility

Use Case Example of Attribution