

# LOGIN & IDENTITY

**Solidity Camp**  
**November 2022**

2022



# ABOUT UNSTOPPABLE

## VISION

We believe people should benefit from the value they create online, instead of companies.

## MISSION

We're returning the power to the people; championing their right to control their data, govern their own identity, and make their own choices.



# OUR PRODUCTS

## & THEIR USES CASES

### **SIMPLIFY CRYPTO PAYMENTS**

Send, receive, and store hundreds of cryptocurrencies and NFTs with one simple easy-to-remember domain name.

### **LOGIN WITH UNSTOPPABLE**

Login to different apps and websites with just your Unstoppable domain and say goodbye to user accounts and passwords.

Permission the sharing of user information, thus returning the control of their data back to the users.

### **DECENTRALIZED WEBSITES**

Host websites on IPFS, which can be resolved on browsers, such as Brave Browser.

Easily set up gallery-style websites in just a few clicks to show off all your favorite NFTs.

### **CREATE PROFILE PAGES**

Create universal profiles to share select personal information and link to your social media channels as you navigate Web3.

[ud.me/domain.x](https://ud.me/domain.x)



# THE PROBLEM

## For Users - Owned Data

### 01. SILOED DATA

Today Web2 Apps own all user data



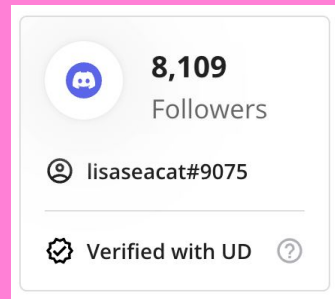
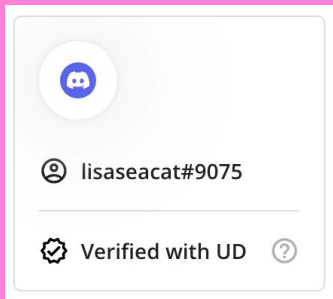
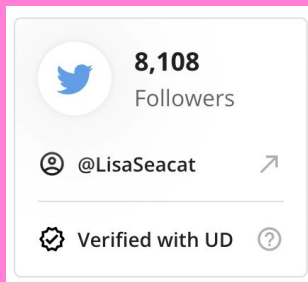
### 02. UNPORTABLE

If a new application or innovation spins up, the user has to start over building their network and reputation



### 03. USER OWNED

In the future, users can bring themselves and their data to kickstart new application experiences



# THE PROBLEM

## For Dapps - User Engagement

### 01. WALLET LOGIN

Web3 Dapps can only acquire wallet addresses from their users



### 02. DOMAIN NAMES

Domain names enable Dapps to acquire usernames



### 03. LOGIN WITH UD

Users can now permission the sharing of email, social profiles, & Humanity Check

 0.01 ETH 0xB6c5...416 0.01 ETH desitheysee.nft

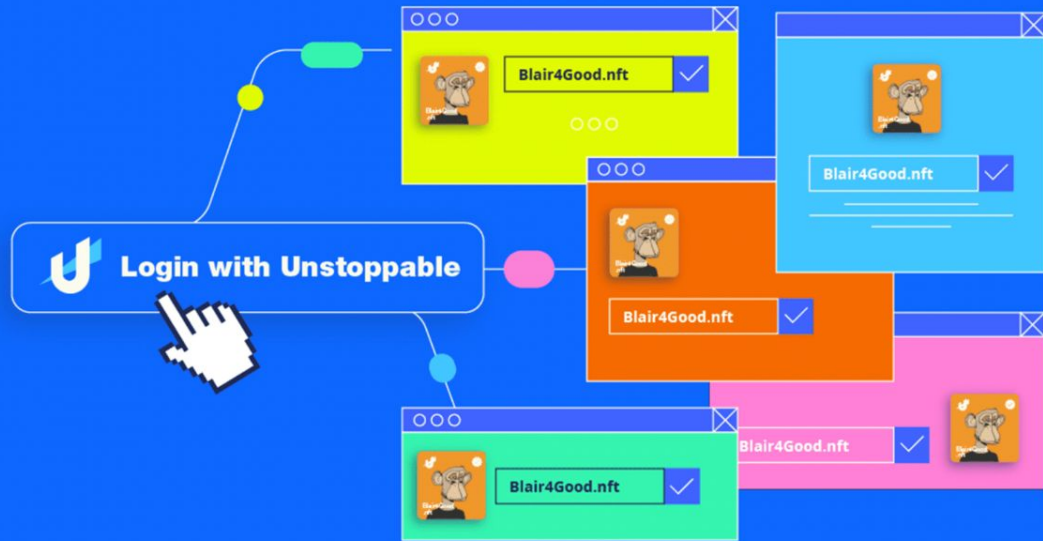
# OUR STRATEGY

FIRST STEP TO  
DECENTRALIZED  
IDENTITY



# Login with Unstoppable

Your simple, secure, and singular login for dapps and sites across Web3.



Take control of the data you share when logging in across Web3 with a single sign-on service that enables you to own a unique ID online.

# LOGIN

**LIVE PRODUCT**





# BENEFITS

## VALUE TO USING LOGIN

### DAPPS

#### **Simple and Easy Authentication**

Allow users to quickly authenticate and login to your app using their existing web3 username

#### **Data Permissions**

Request permissions to access personal data like user's email addresses

#### **Establish 1:1 Communication With Users**

Communicate directly with members via permissioned access to their email addresses

#### **Easy, Simple and Safe**

No need to maintain a database of user contact information

### END USERS

#### **Simplified Sign-Up & Login**

Sign in and permission data sharing with a password-free username across all applications

#### **Users Have Control Over What They Share**

100% opt in and users choose which data to share

#### **Privacy Forward**

User's password information isn't stored on a server that's vulnerable to attacks

#### **100% User Owned**

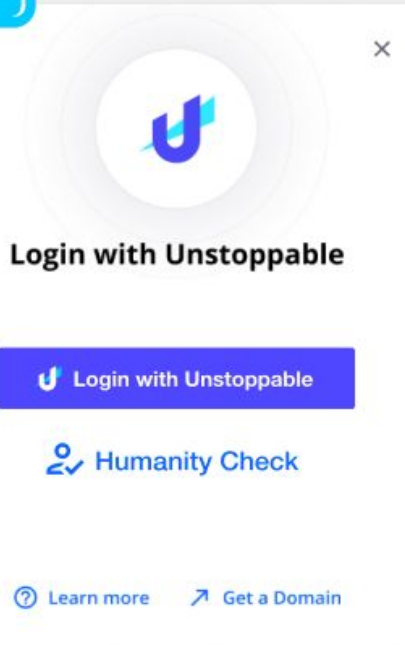
Users have absolute ownership of their identity and their data



# HUMANITY CHECK



The future of digital  
identity isn't  
coming, it's here.



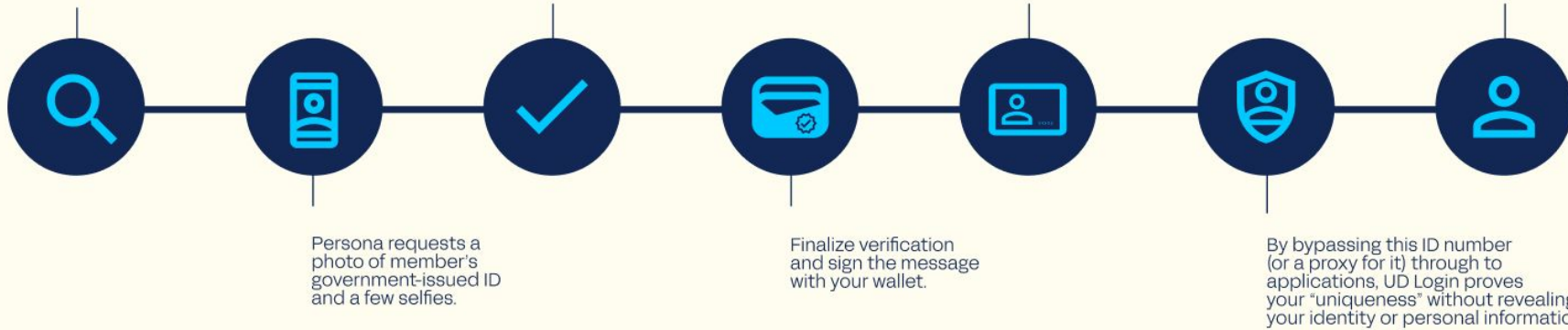
# HUMANITY CHECK: HOW IT WORKS

Member can access Humanity Check either through the Domain Profiles as they manage their domain, or through Login with Unstoppable when logging into an application that supports Humanity Check.

Persona uses these images to verify that a person is who they claim to be.

Every time Persona verifies a new person, it gives that person a new randomly generated ID Number.

In the future we will support and integrate more identity verification solutions



# SCOPES FOR LOGIN

## Supported scopes:

openid (required)

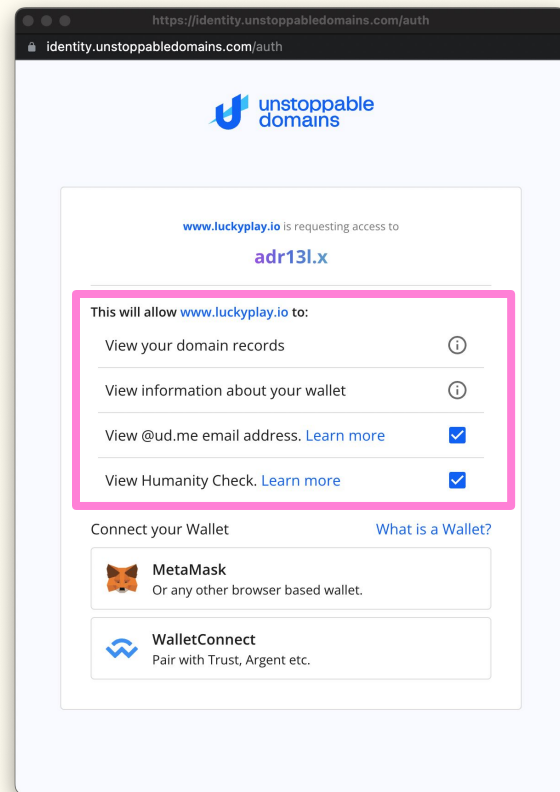
wallet

email (optional)

humanity\_check (optional)

profile (optional)

social (optional)



Example scope list presented to UD users



# LOGIN

## FAQS



[Official list of  
application integrations](#)

### **Will Login With Unstoppable be a paid service?**

No, it is a free feature members get with the purchase/ownership of their NFT Domain. It is free to use and free for apps to integrate.

### **How is this different from logging in with a wallet?**

People can login to apps using their desired username instead of using a bank account number/wallet number. It additionally offers users and apps the ability to permission the sharing of off-chain data should a user choose, which is not available using a wallet.

Also your identity/login is associated to your NFT domain, so you can transfer it to a different wallet down the road should you desire. You can't transfer your private key.

### **Can users choose what information to share with each app?**

**Yes**, and we're continuing to make improvements. Today a person can choose which pieces of their domain profile metadata to share. As we introduce additional metadata that users can share we will also introduce more flexibility and controls.

### **Can users create accounts from the Login app?**

**Yes**. Our most recent version allows for users to acquire a free domain from within the Login experience. Paid domains along with revenue sharing opportunities to come soon.



# IDENTITY

**LIVE PRODUCT**









Lisa

[lisa.x](#) 

Just a girl living her best decentralized life

 0x14...3dec 

 0x14...3dec 

 Humanity verified

 Bozeman, MT

## Socials



@LisaSeacat  
8,186 Followers



lisaseacat#...



lisaseacat

## Website WEB3



[lisa.x](#)

IPFS Hash: QmR2BvgWD8...bsWz 

Go 

## Badges (2)



NFT Domain  
Holder



Octopus  
Holder

 Share



# Resolution

## What Is It?

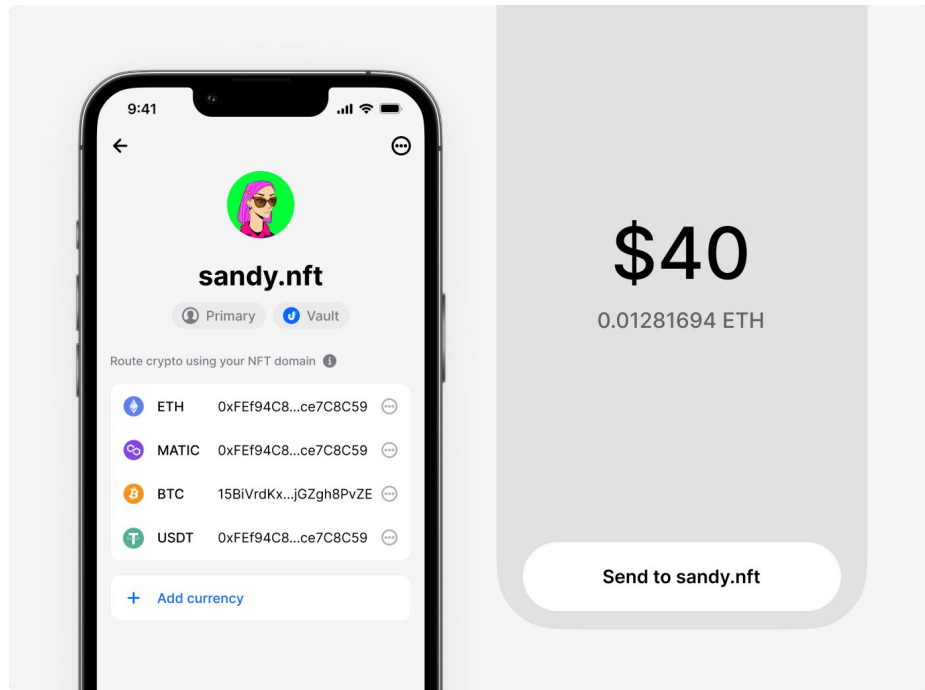
Wallet integration enables a **human-readable domain name** (e.g. “brad.crypto”) to be converted to a crypto address.

Integrating domain resolution produces a **simplified CX** for users. A user can type in domain name and the app will automatically read different crypto addresses associated with the domain.

UD has over **275 coins + tokens supported** on our NFT domains, and all are able to be resolved from the same integration.

## Where Does It Go ?

Resolution can be integrated into the Send Crypto/NFT experience





# Reverse Resolution Overview

*Reverse resolution enables the ability for domain owners to see their domains in the places they operate online.*

**TURN**  
**3SJW2DFX453D0**  
**57GH8FD1XASD34**  
  
**INTO**  
**JONDAO.X**

You can finally be yourself on Web3 with Reverse Resolution.



## 1. What is Reverse Resolution?

Reverse resolution is a feature that enables applications that integrate with Unstoppable Domains to show domain names where they would typically only show addresses.

## 2. How does Reverse Resolution work?

Reverse resolution allows applications to take a wallet address and return the domain name linked to them. As a domain owner, you can now see your domain names instead of wallet addresses in any integrated reverse resolution application.

From:	matt.crypto
To:	michael.crypto

*This example shows how the transaction record would look like after integrating reverse resolution.*



# RESOLUTION

LIVE PRODUCT



# INTEGRATION

## OVERVIEW



# Login with Unstoppable

## INTEGRATION OVERVIEW

Implementing Login with Unstoppable is simple, quick, and able to integrate with most common JavaScript packages/frameworks.

With only few lines of code, Login can be implemented within only a few hours!

### 01. Create Client Config ([doc](#))

- Register Client Configuration
- Obtain Client ID

### 02. Define Scopes ([doc](#))

- Specify which Scopes your Dapp would like to request
  - Email, Social Profiles, Humanity Check

### 03. Integration Pathways ([doc](#))

- Choose Integration Pathway based on your Dapp's existing JS packages
- Ex:
  - Web3 React, Web3 Model, Moralis, Web3 Onboard

### 04. Login UI Config ([doc](#))

- Use returned ID Token to display user's domain as their Dapp username
- Validation Testing



# Resolution

## INTEGRATION OVERVIEW

### 01. Obtain UD API Key ([doc](#))

- Obtain API Key from Unstoppable Domains

### 02. API: Check Supported TLDs ([doc](#))

- Returns which domain endings are supported
  - Used to validate if user-inputted domain is supported

### 03. API: Domain Resolution ([doc](#))

- Returns all the wallet addresses associated with the inputted domain
  - Ethereum: "crypto.ETH.address:"

### 04. API: Address Resolution ([doc](#))

- Returns all domains registered to inputted wallet address



# Reverse Resolution

## INTEGRATION OVERVIEW

Reverse resolution enables the ability for domain owners to see their domains in the places they operate online.

### 01. Reverse Resolution Overview ([doc](#))

- Overview of how Reverse Resolution works
- Introducing different configuration paths and integration paths



### 02. Obtain UD API Key ([doc](#))

- Obtain API Key from Unstoppable Domains
  - Same as Resolution API Key

### 03. Integration Paths ([doc](#))

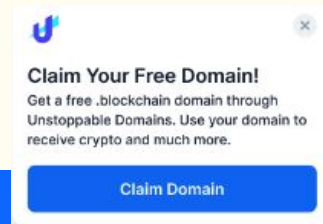
- Single API call to perform Reverse Resolution



# Partner API Overview



All key integration goals were accomplished with a single API  
(see: **Unstoppable Domains Partner API**)



## GOALS

Users are automatically presented with a prefilled suggestion for a domain using their own name when first entering the domain acquisition flow.

Free domains are *.wallet* with 8 or more characters with at least one number, gated behind KYC or Anti-Abuse Measure.

Users can select the prefilled suggestion or search for their own.

Since minting is not instantaneous, the system must provide the user with a status update and notify when minting is complete.

If a user searches for a domain, the system must check for its availability and offer alternatives that are both free and premium.

Any premium domains provided by the API also include the price.

All domains are minted can be automatically configured with the user's wallet addresses. This means they do not need to separately add each address when they receive their domain.

# STAY CONNECTED



## JOIN UD'S DISCORD

Real-time support from UD  
and our community



## FOLLOW ON TWITTER

### Contact Information

saad@unstoppabledomains.com

Discord: khanms.x#8004

Telegram: @khanmsaad





THANK

YOU.