Confidential

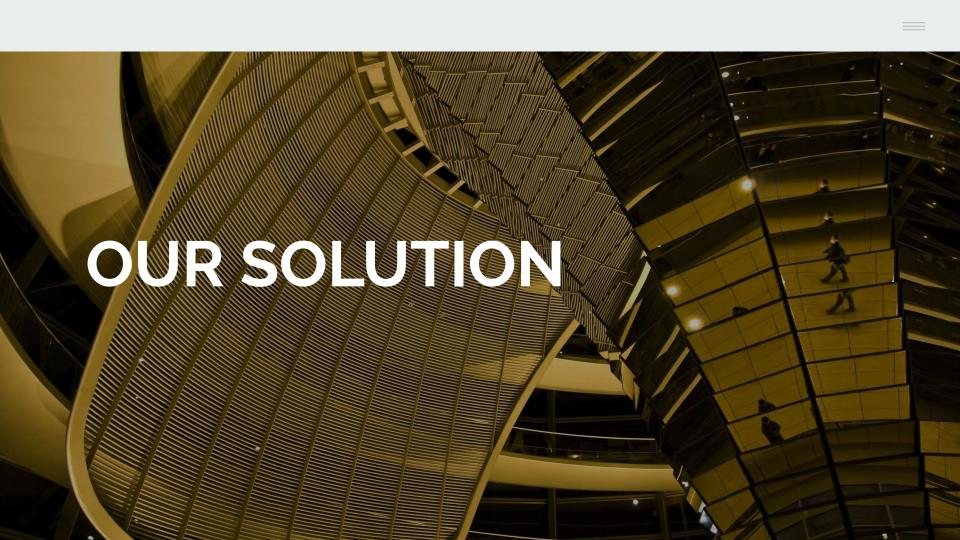
Enhancement of PII privacy for TRISA transactions



THE PROBLEM

TRISA suggests a VASP to expose the PII of any account holder listed in a proposed transaction.

This runs directly contrary to one of the key benefits of digital currency which is the ability execute low-value transactions with low friction.



Our Suggestion

We propose an enhanced KYC scheme in which certain qualified account holders have the ability to engage in transactions without exposing their PII to every or even any proposed transaction.

1. KYC nodes are created and certified by authorities

2. Each user passes KYC-check and is assigned a token

3. VASP transmist the token with transactions

VASP is forced to add the identity token for each transaction

Transactions should be checked with a KYC node before distribution

KYC doesn't disclose user information - only some attributes like country, authority

This is how user stays anonymous but still can be identified through KYC in the case of legal investigation

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Transaction Flow

Alice:

Step 1

Alice tells her VASP VASP-A she wants to send VA to Bob@VASP-B

VASP-A sends signed(KYCT.Alice) to VASP-B requesting signed(KYC Token (KYCT).

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Transaction Flow

Bob:

Step 2

VASP-B validates Alice's KYCT

If (is_safe(KYCT.Alice,Bob))

Save KYCT.Alice

Send KYTC.Bob to alice@vaspa.trisha

Else

Send bob@vaspb.trisha rejects transaction

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Transaction Flow

Alice

Step 3

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If is_safe(KYTC.Bob)
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post transaction to block chain

Record valid transaction alice -> KYTC.bob

Send transaction completion notice

Else

Record failed transaction alice -> KYTC.bob

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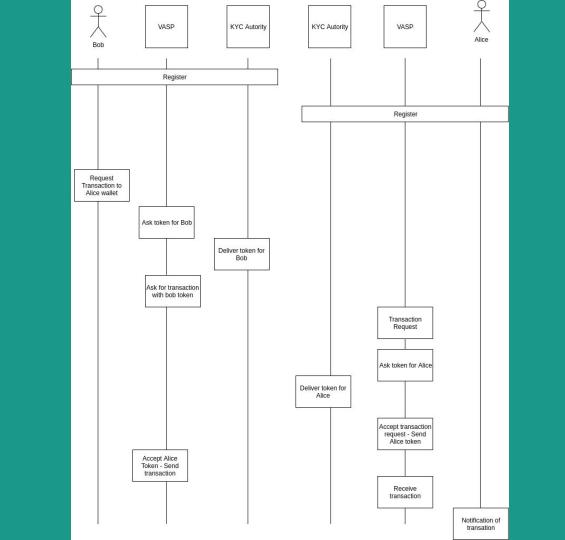
Transaction Flow

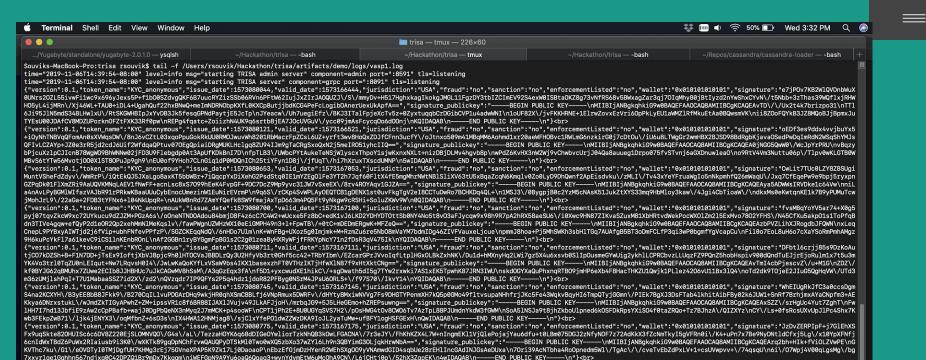
Bob

Step 4

If transaction posts to block chain Record transaction alice -> KYTC.bob

For users with computational needs that would like to engage in VASP transactions who would also like to maintain some semblance of privacy, we propose that an enhanced KYC service provider could satisfy the needs identified in TRISA and maintain their privacy





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Thank you.

