

usable security in web3

or the elephant-in-the-metaverse-room

Antonela

MetaMask





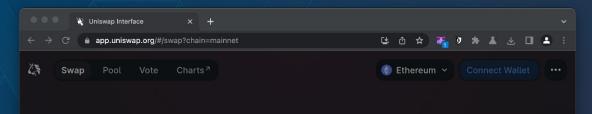
"Wallets are built around the responsibility of mediating the interactions between untrusted applications and a user's keys on their computer, getting appropriate consent from the user."

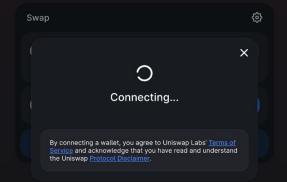
Keys Permissions

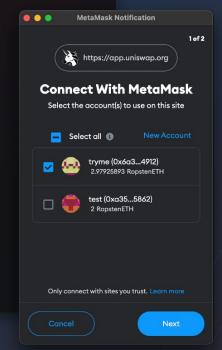


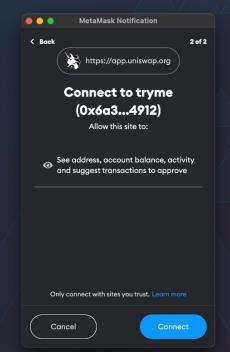


```
const response = await provider.request ({
    method: 'wallet_requestPermissions',
    params: [{
        'eth_accounts': {},
    }]
})
```

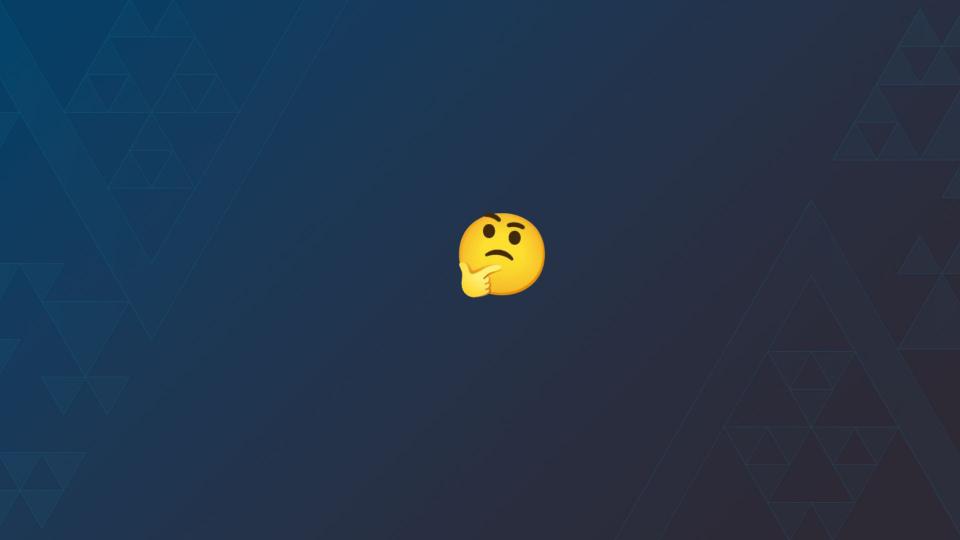












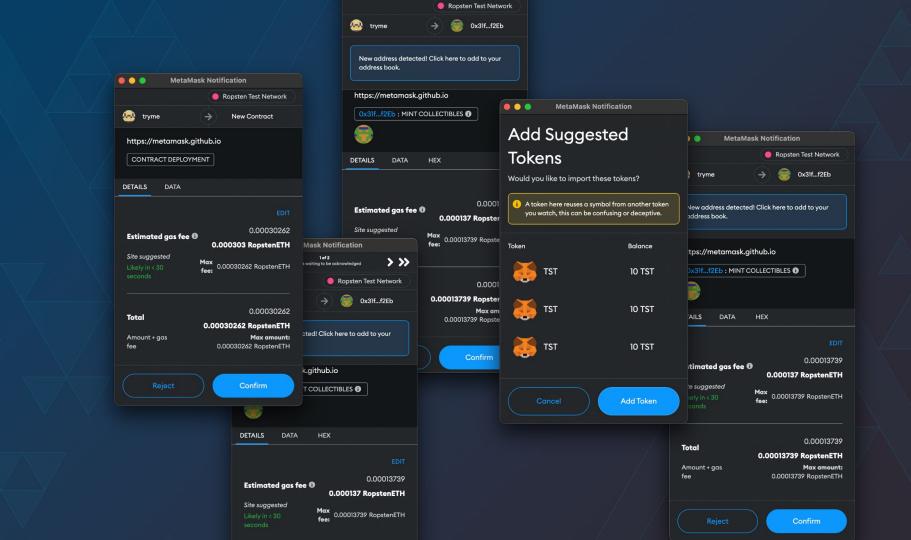
There are no secure systems without consent.

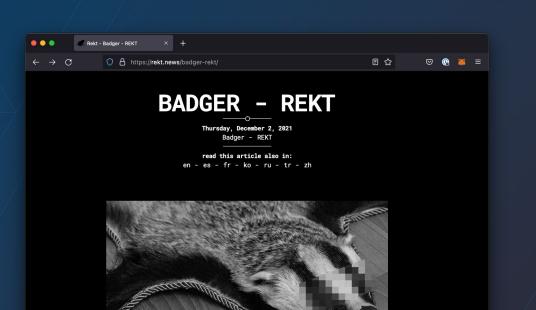
Consent / kan'sent /

Noun: Permission for something to happen or agreement to do something.

Verb: Give permission for something to happen.

If we build a transaction flow grounded in consent, how would it look?





rekt roadkill.

Arekt

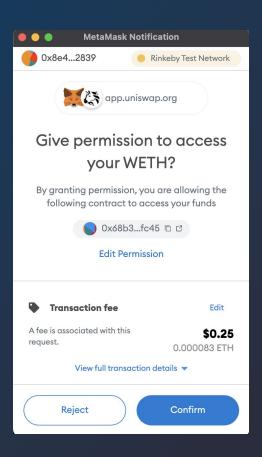
The badger is dead.

\$120 million taken in various forms of wBTC and ERC20.

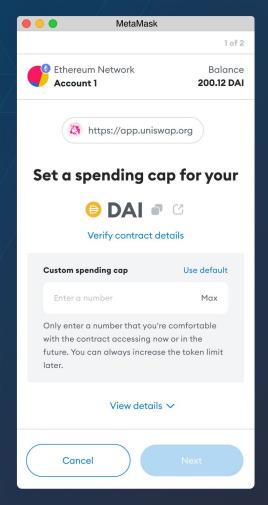
A front-end attack places Badger DAO at number four on the <u>leaderboard</u>.

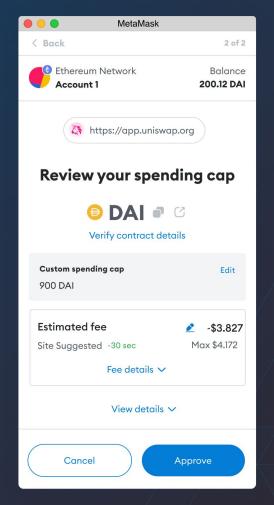
rekt.news repeats:

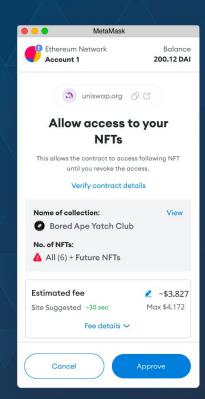
Infinite approval means unlimited trust - something which we know we shouldn't do in DeFi.

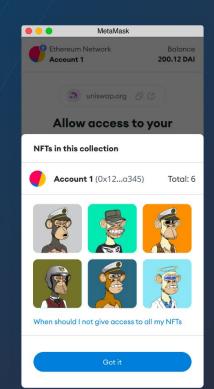


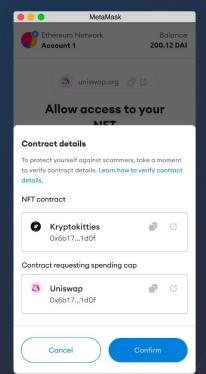
Current ERC-20

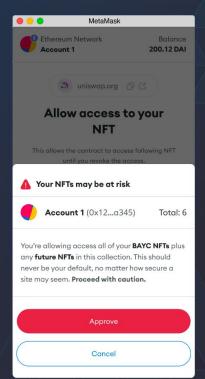










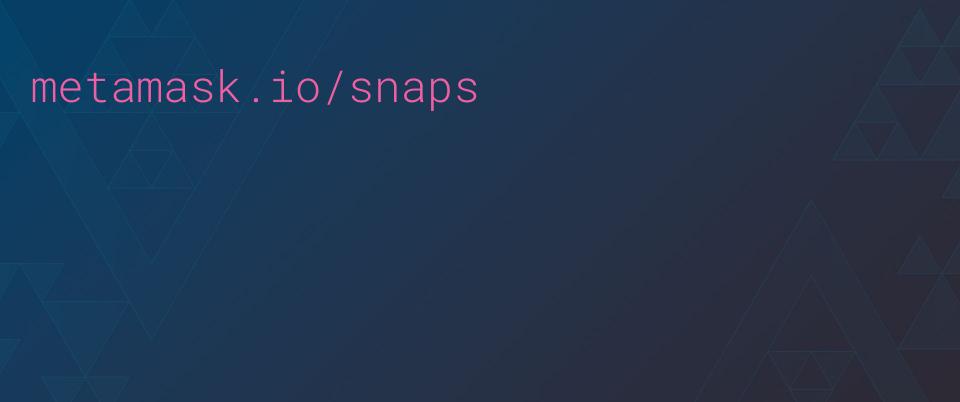


We have the responsibility to critical think how to expose the user to a decision that directly affects their digital body.

Balancing security and usability is complex.







Rethink how the information systems to which we delegate trust interact with that consent.





Gracias

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