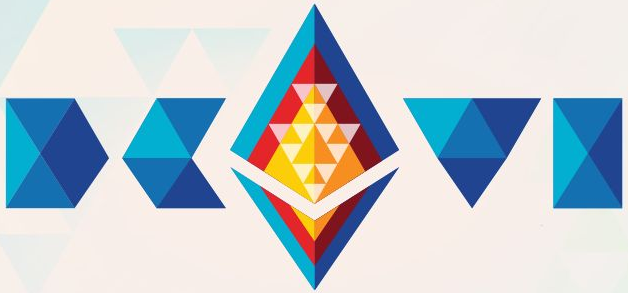


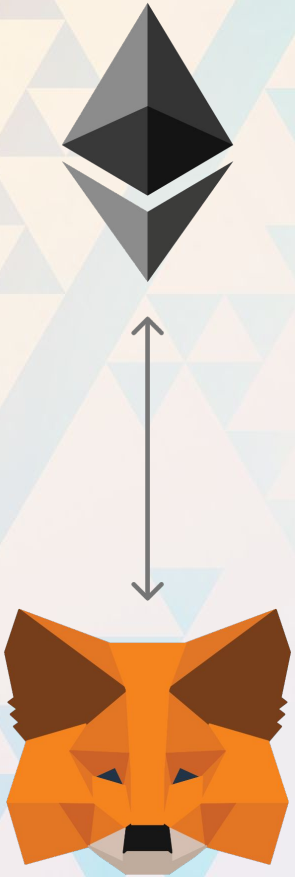
Getting Started with MetaMask Snaps

https://hackmd.io/@rekmarks/devcon-vi

Erik Marks

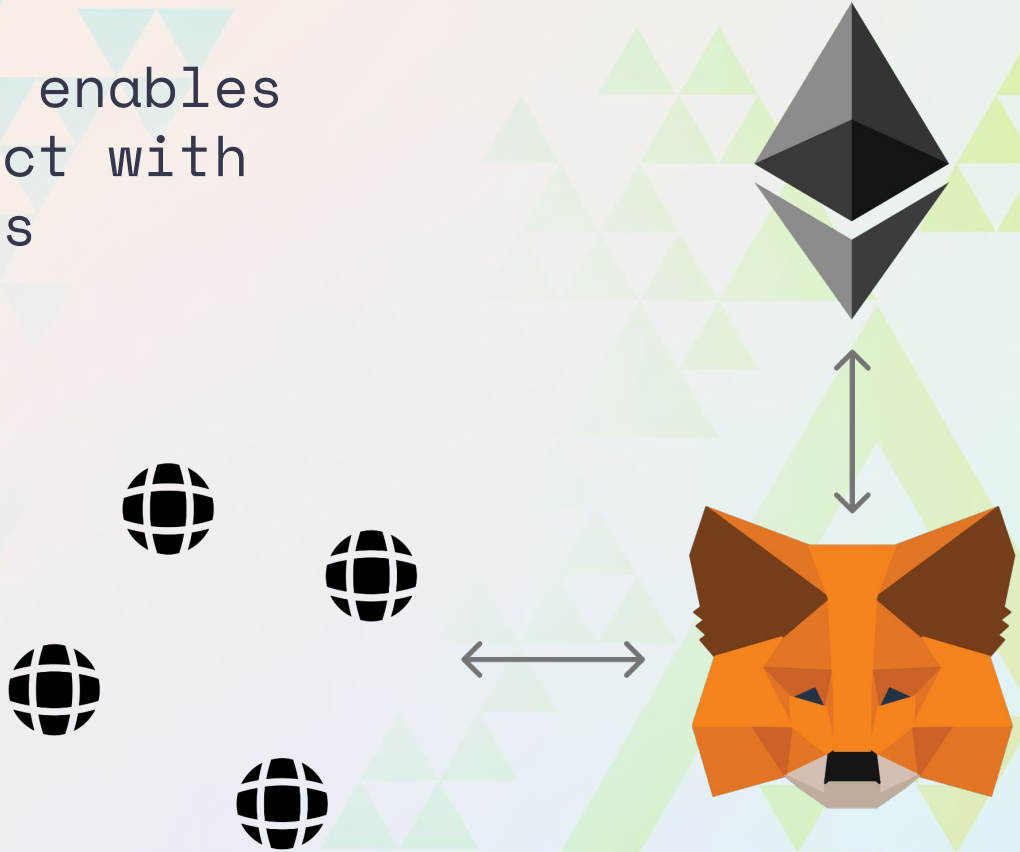
Lead Engineer, MetaMask Snaps

What is MetaMask Snaps?



MetaMask allows you to interact with Ethereum

MetaMask also enables you to interact with Ethereum dapps



But, what about everything else?

For example:

- New kinds of assets
- Less common contract interactions
- Smart contract accounts
- Zero-knowledge cryptography
- Non-EVM networks

Enter

METAMASK SNAPS

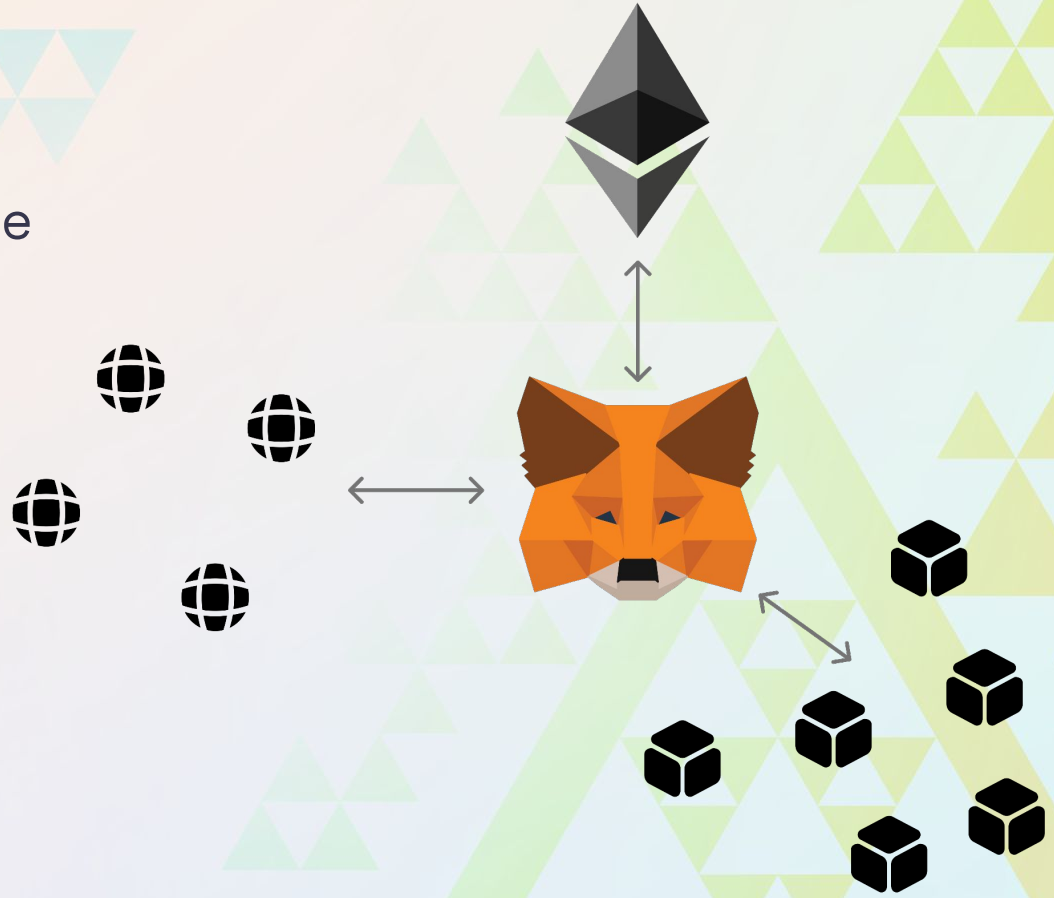
Snaps are sandboxed programs that are run by MetaMask

Their purpose is to create new user experiences in the wallet, i.e. to modify it in some useful way.

METAMASK SNAPS

The user adds snaps to their wallet at runtime

Snaps have access to special permissions, including key management, making them uniquely powerful building blocks for web3 developers.



METAMASK SNAPS

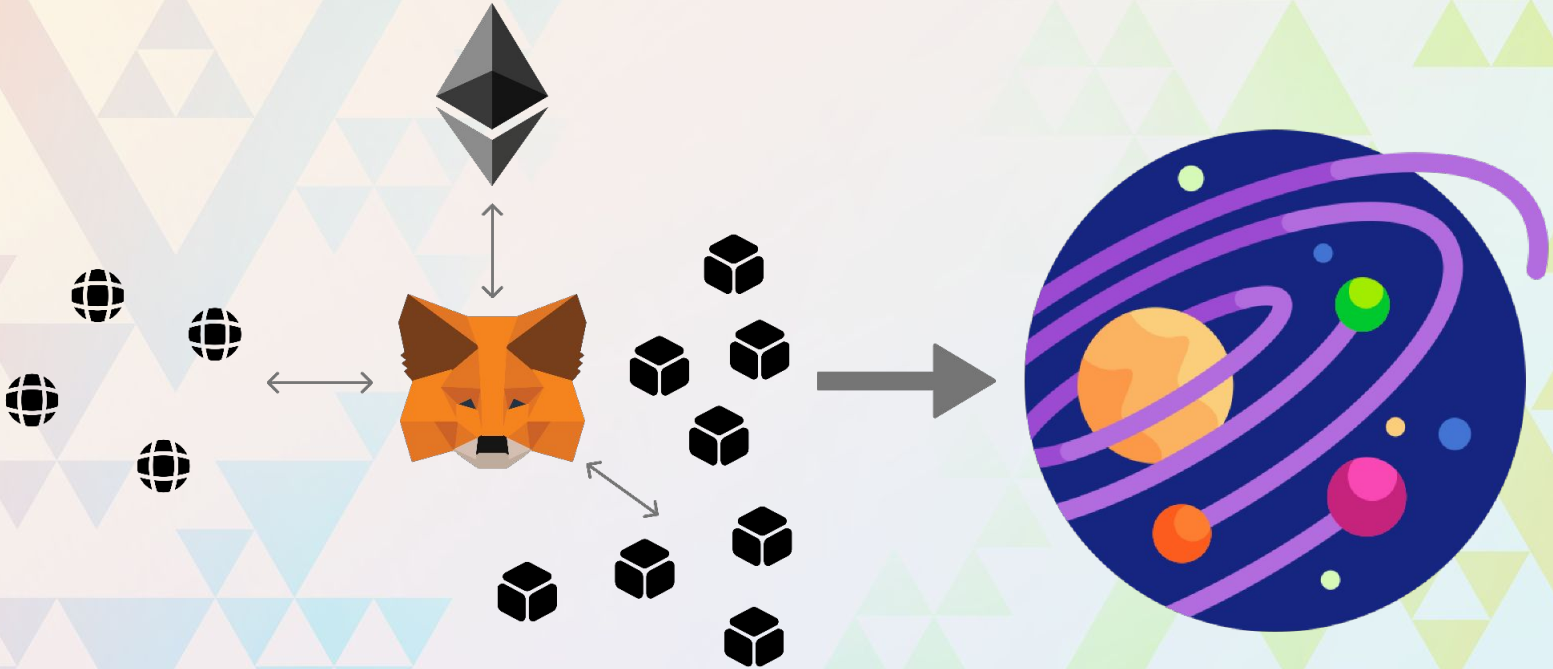
Using this simple model, in the past *week*, hackers have developed:

- A ZK-nullifier snap
- A transaction security snap
- Account activity notifications
- Smart contract account support

Snaps currently in developer releases include:

- StarkNet
- Filecoin
- Bitcoin
- Arweave
- ...and many more.

METAMASK SNAPS is the gateway to all of web3



Galaxy icon made by Freepik from www.flaticon.com

Let's get started!

https://hackmd.io/@rekmarks/devcon-vi

METAMASK SNAPS

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