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BLOCKCHAIN 2.0 SUMMIT

Bangalore | February 1, 2019

Organized by Clavent

Topic Name: **How to build dApps with Blockstack**

Presented by: Shankar Ganesh .P J

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Agenda

WHY

WHAT

How to build dApps with Blockstack

DECENTRALIZATION

Demo

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Data Privacy

- What does privacy mean to you?
- Who do you think owns your data?

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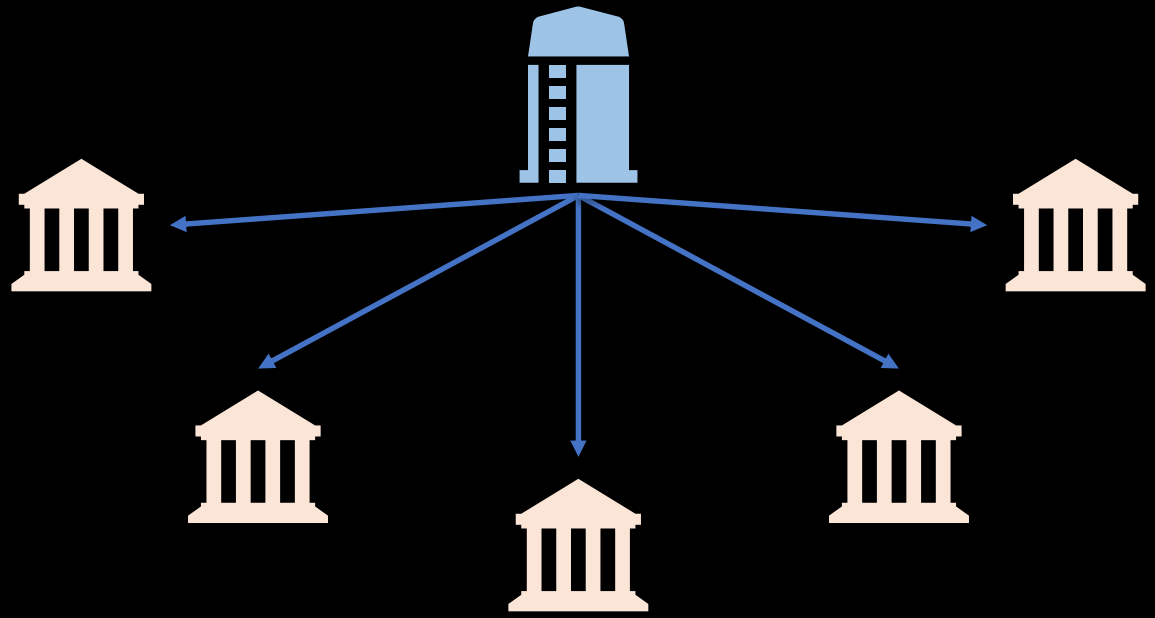
Current Scenario : Centralization



Panopticon

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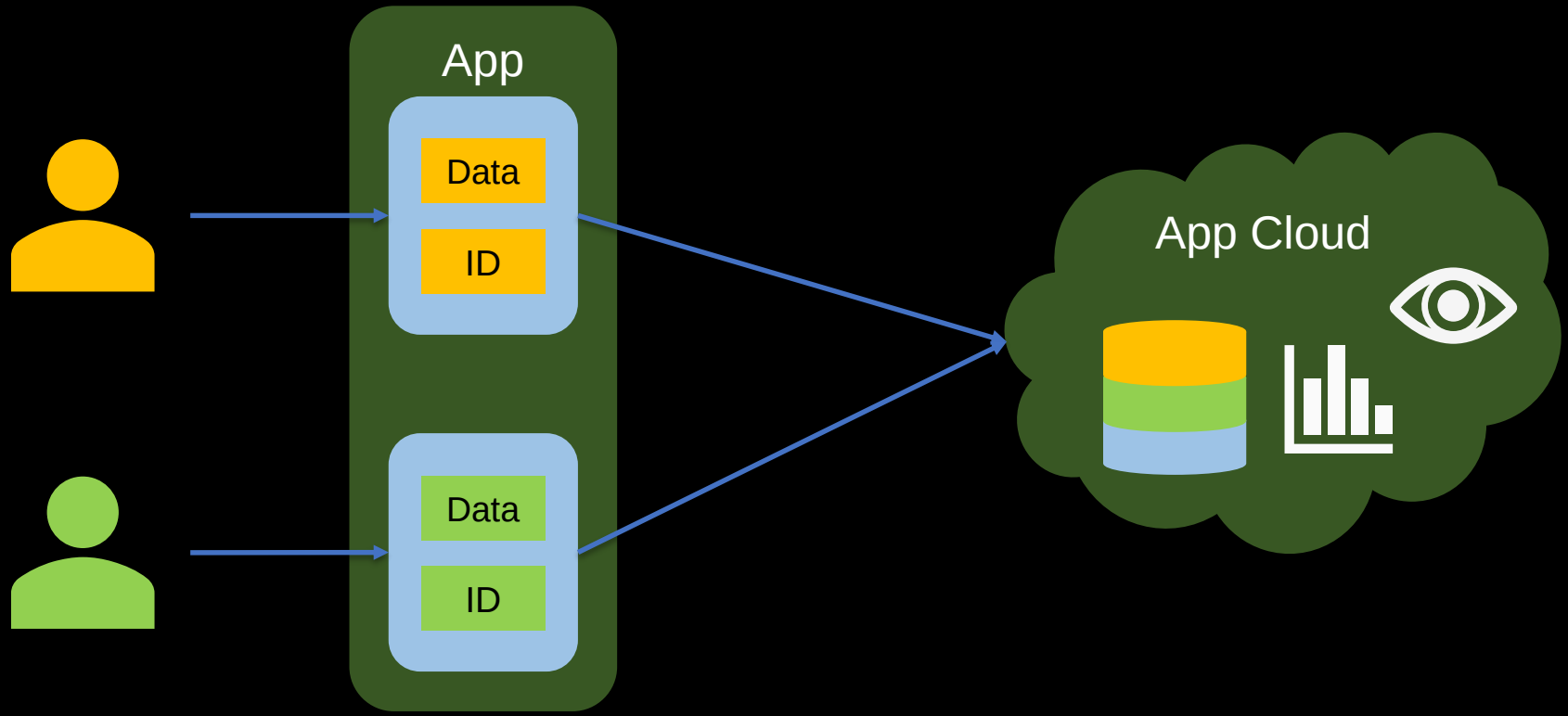
Current Scenario : Centralization



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The Problem: Data Privacy is broken

Revealed: 50 million Facebook profiles harvested for Cambridge Analytica in major data breach

Facebook Security Breach Exposes Accounts of 50 Million Users

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My Friends are from

Africa

Pakistan

Vietnam

Do you think: I am a hacker ?

No

We have one thing in common

PAIN

We have solved it !!

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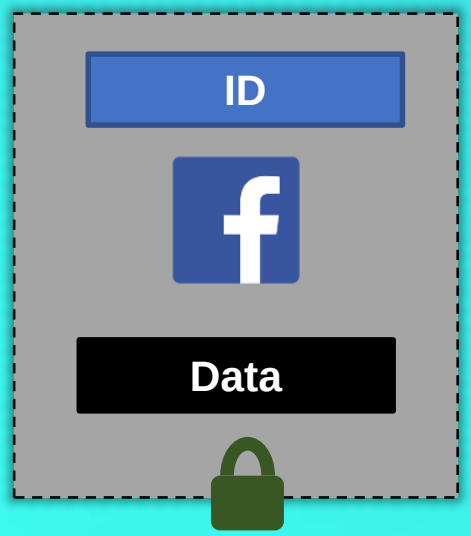
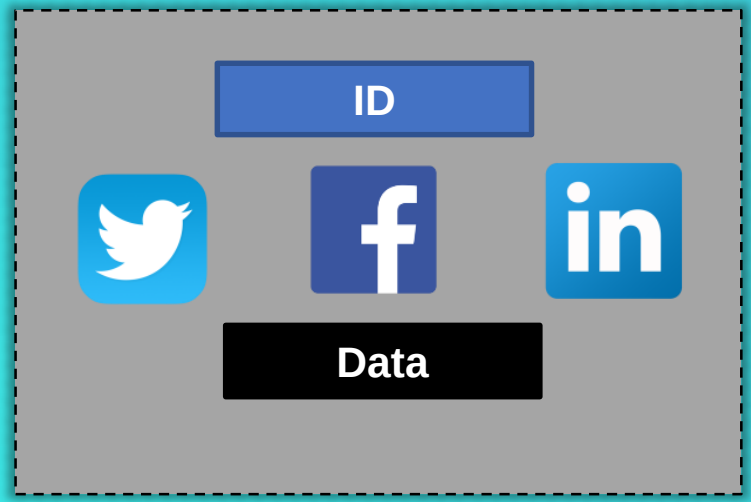
How are we fixing this?

Centralization



Walled garden

Decentralization



Walled garden

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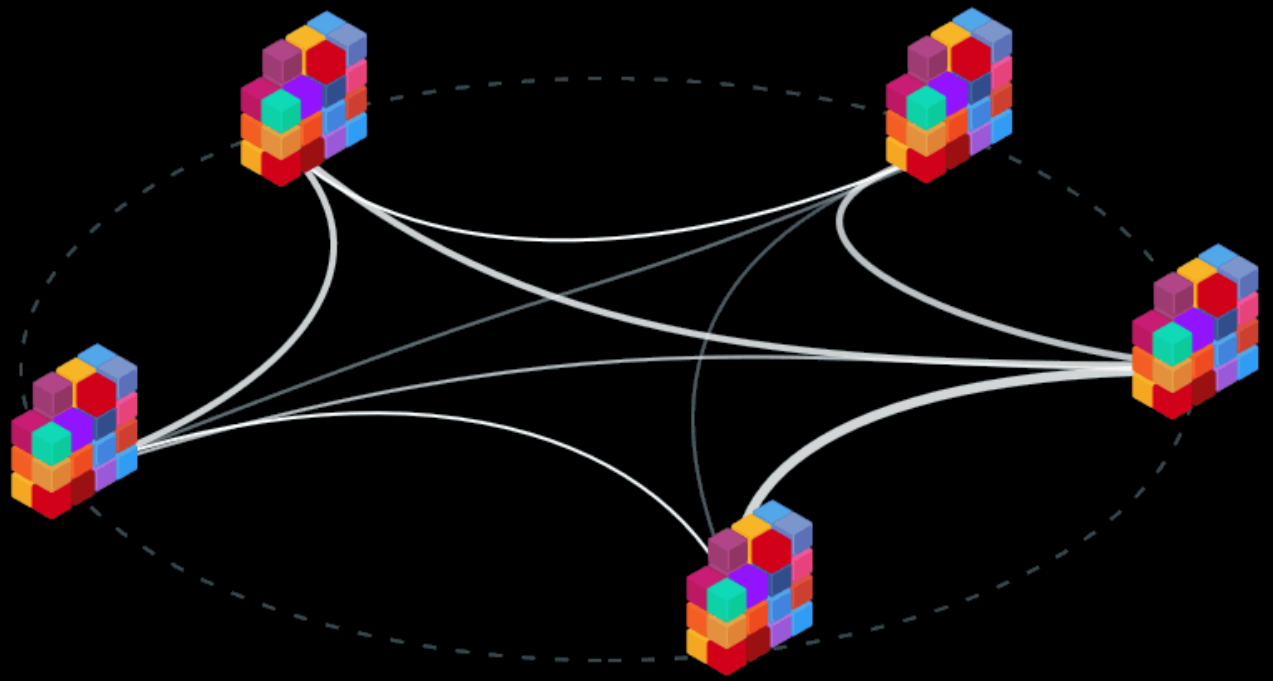
What is Blockchain 2.0?



Not suitable for All Use Cases !!

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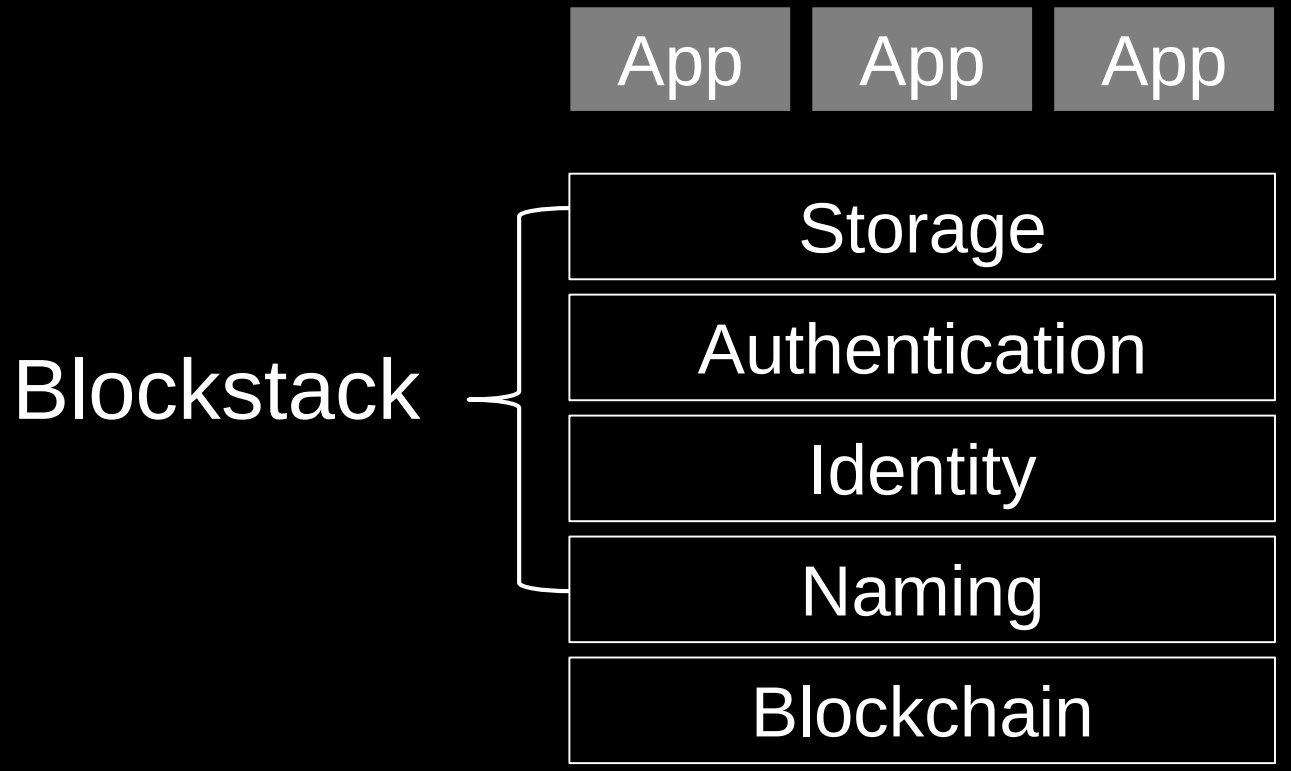
What is Blockstack?



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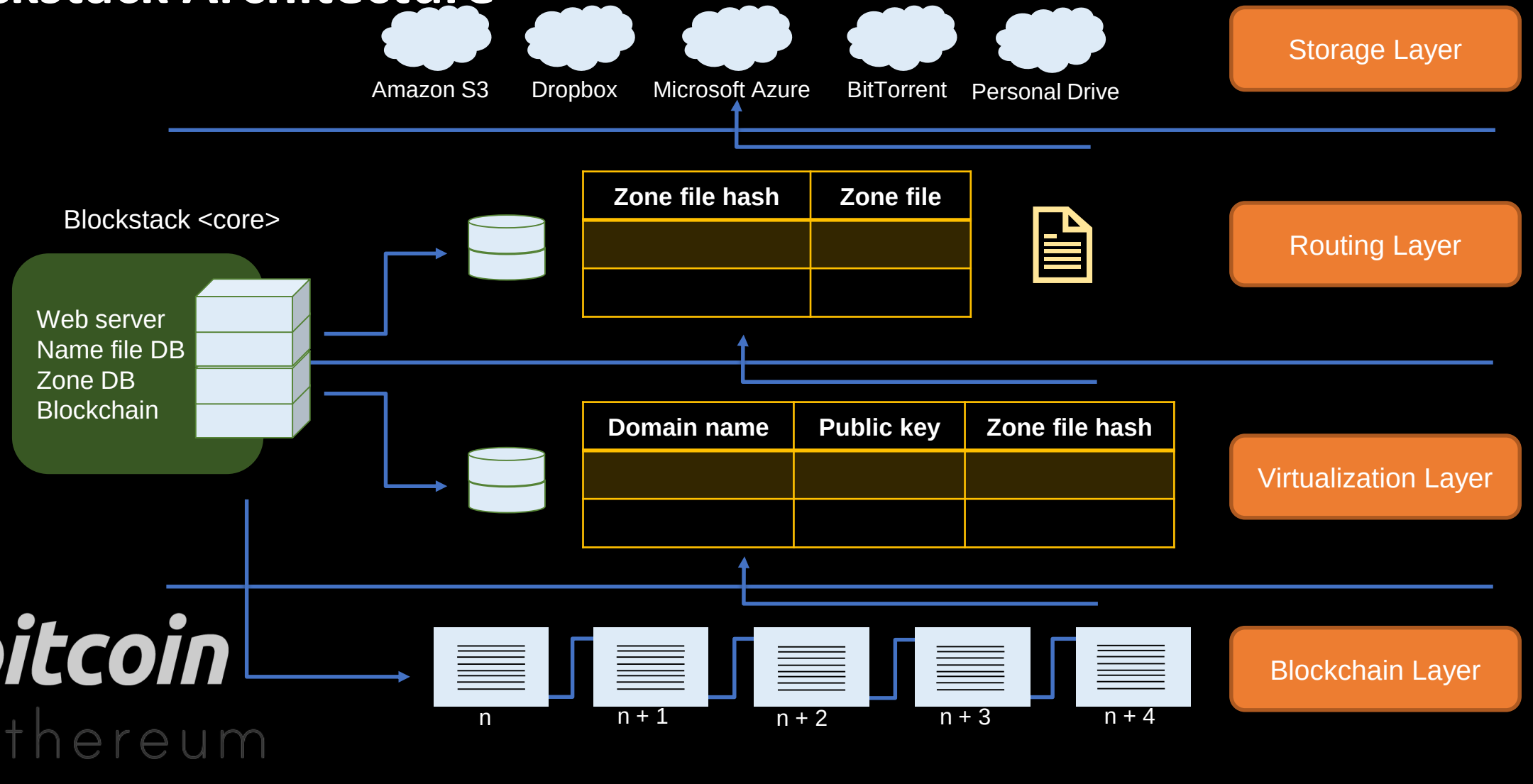
Blockstack Architecture



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How to Develop dApp using Blockstack

Real World Example

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Decentralization App Example: A f a r i
It is a Protocol with Minimal Blockchain Use.

Posts etc. stored in user storage

Afari

Decentralized Naming and Storage System used to link data to names in blockchain

User Choice

Gaia Storage

Stores Name ownership, Storage routes

Blockchain

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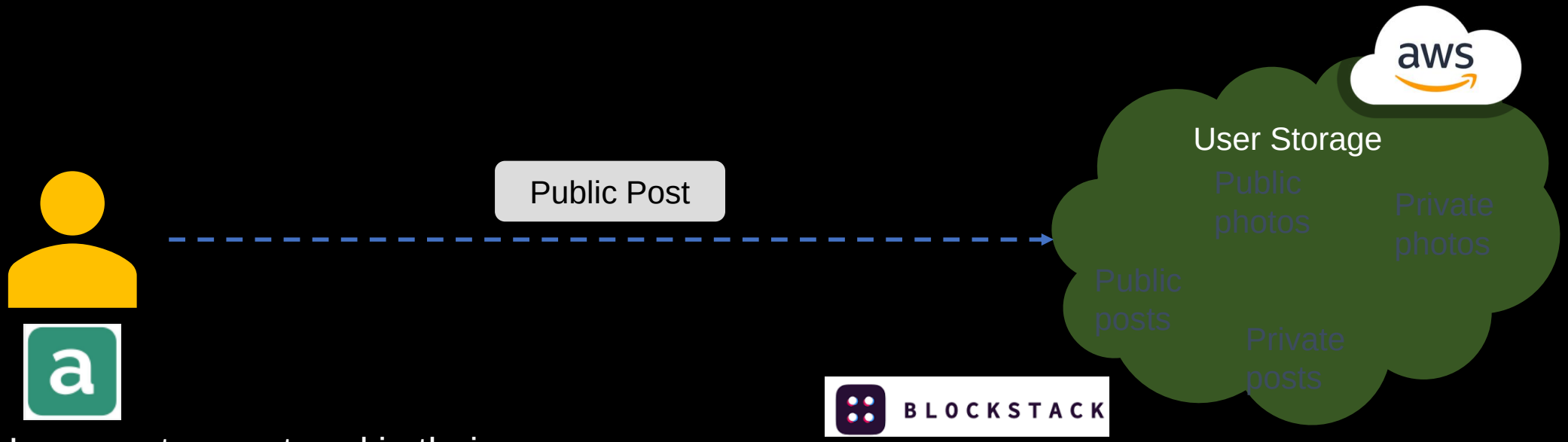
Afari User Perspective



Users posts are stored in their own storage
thanks to Blockstack

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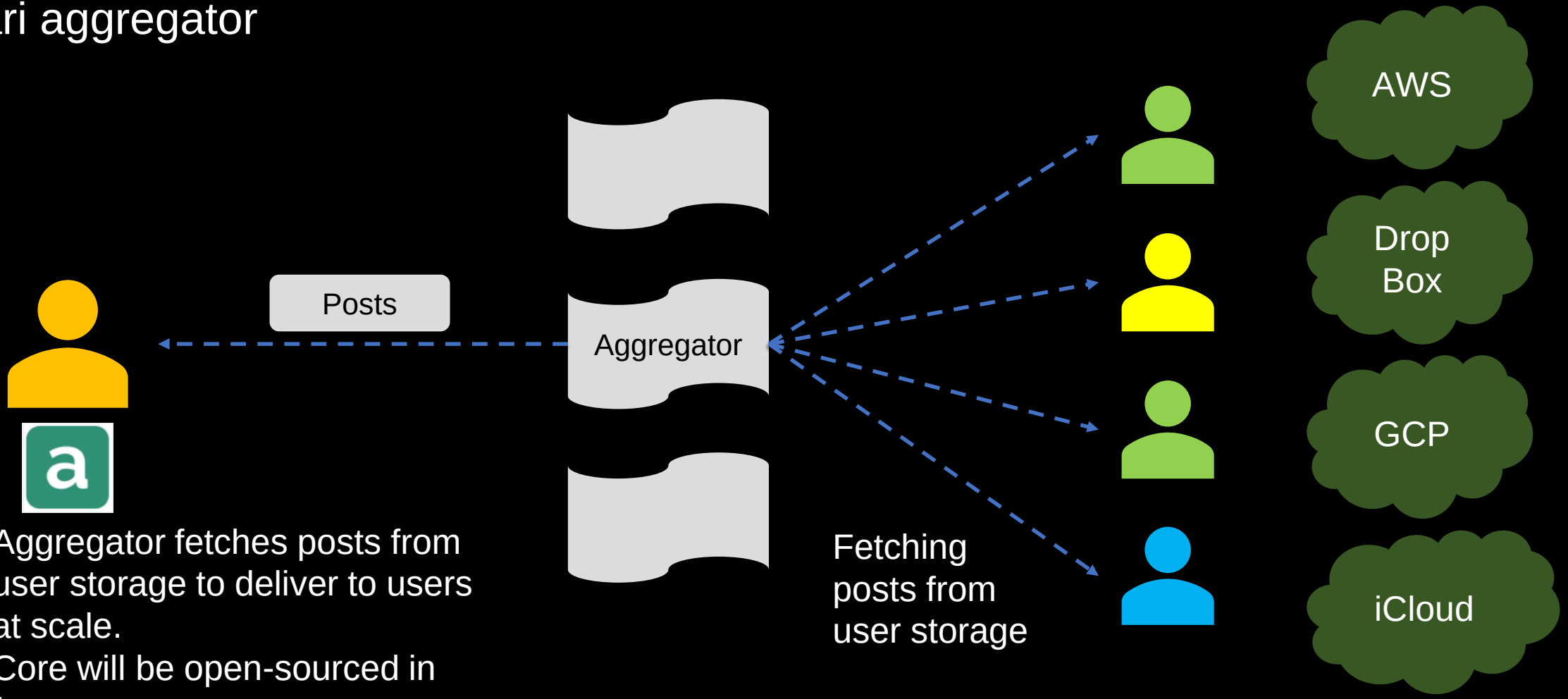
Afari aggregator



Aggregator fetches posts from user storage to deliver to users at scale.
Core will be open-sourced in future

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DEMO

By
Shankar Ganesh P.J

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