Websites in Web3

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Konvergence

Cloud Forest

Filecoin Network Update

Orbit

20 August 2024

Filecoin network stats

4.2k
Unique contracts deployed on FVM

5.2 EiB
Raw byte capacity

2,325
Storage Provider systems

8,825+
Developers & Founders

585+
Pre-seed projects & beyond

2.4 EiB
Data onboarded

https://us16.campaign-archive.com/?e=31bff73c47&u=a1dfb670c4f1fb042e82a1f1d&id=bf1d3e0ac1

Traditional Client-Server Model

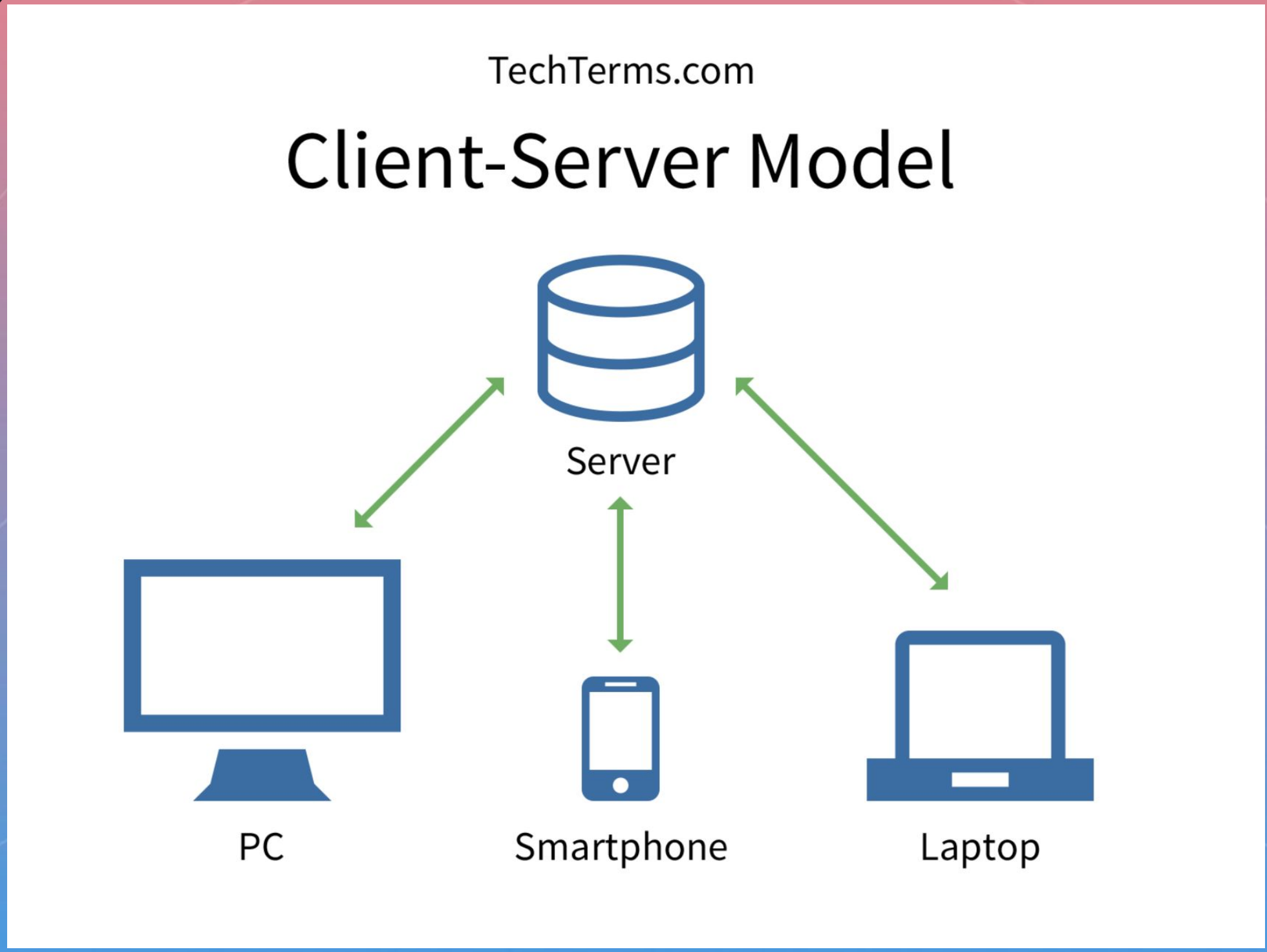
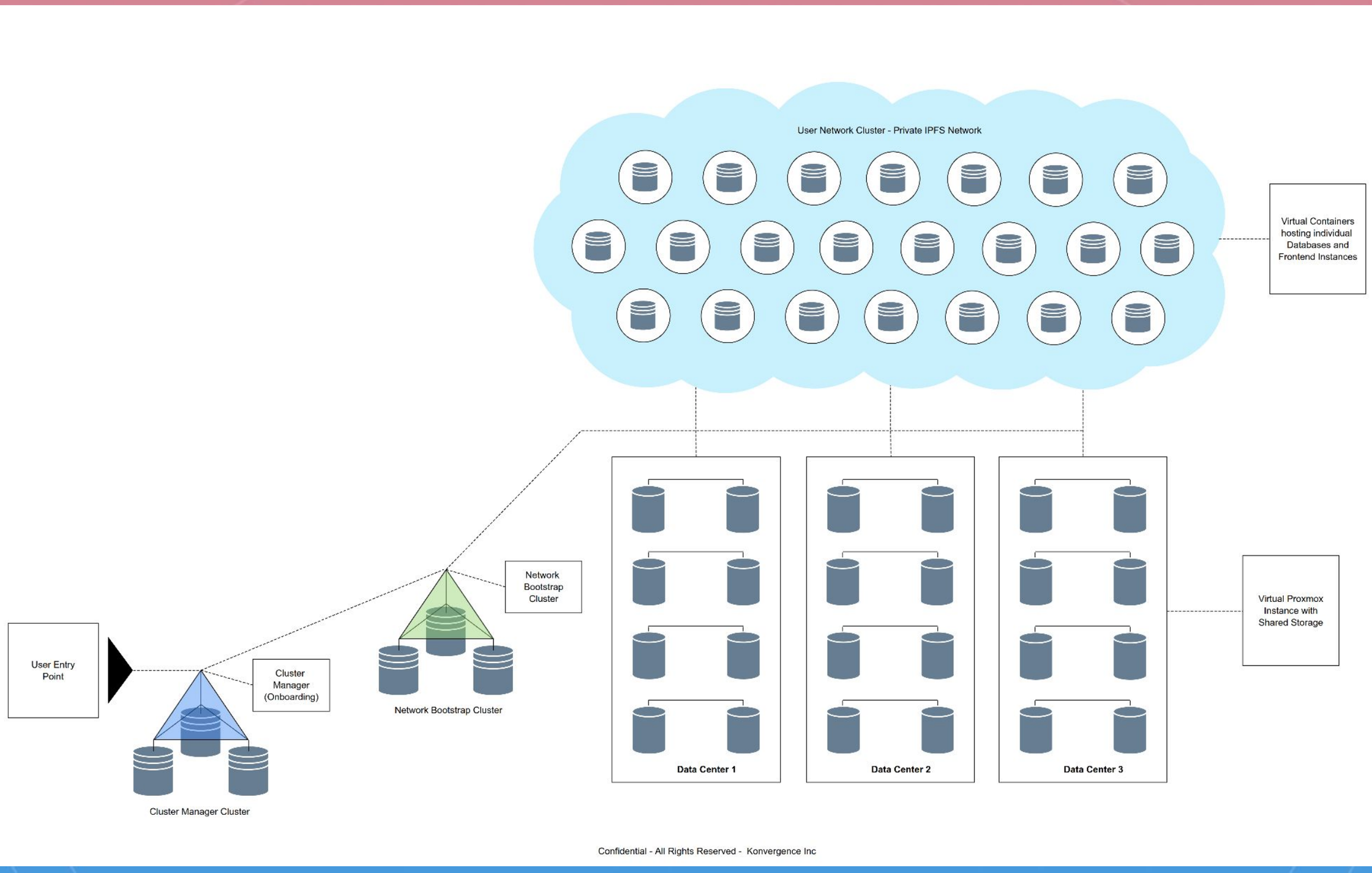


Image Credit: https://techterms.com/definition/client-server_model

Distributed Database Model

Image Credit: https://www.harperdb.io/post/what-is-a-distributed-database

Distributed Hosting Behind the Scenes



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Selective Syncing

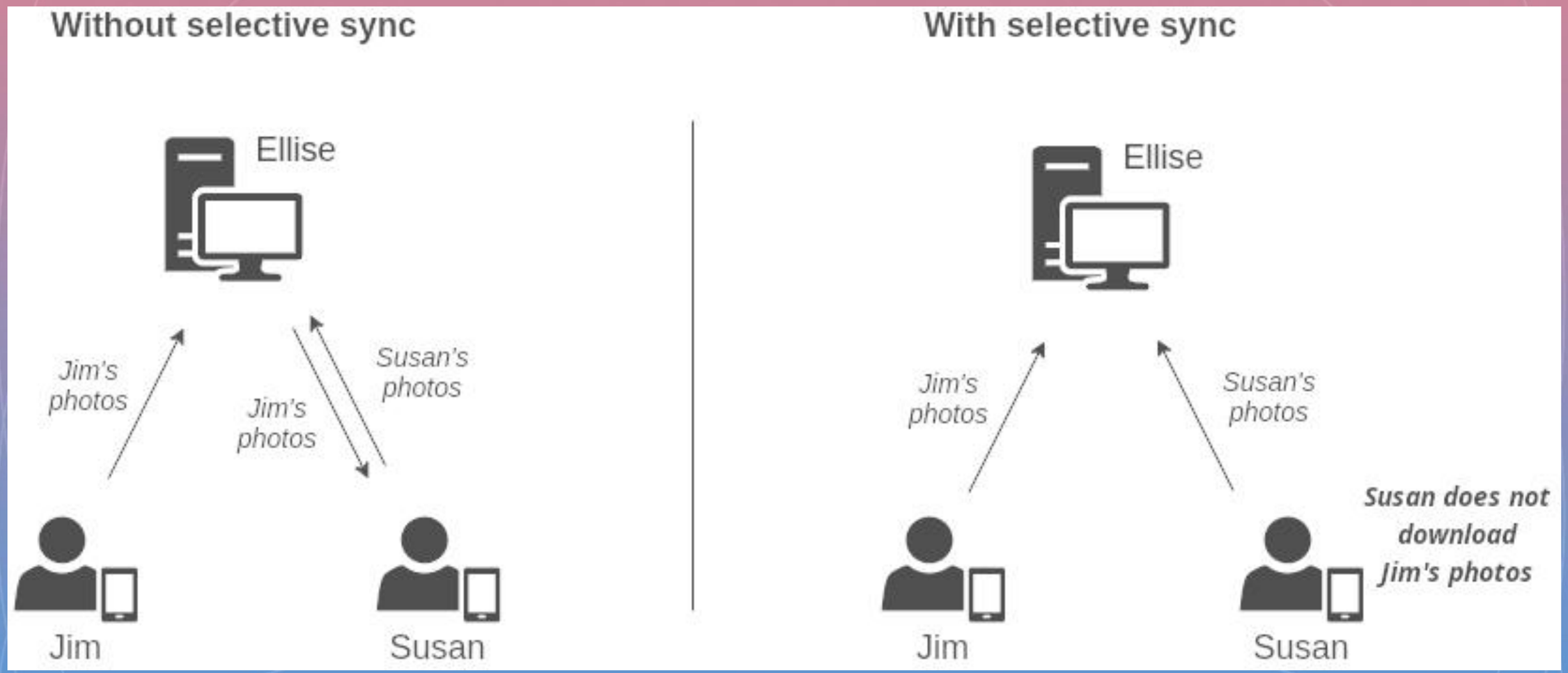

Image Credit: https://merginmaps.com/docs/manage/selective_sync/

In-line Browsing

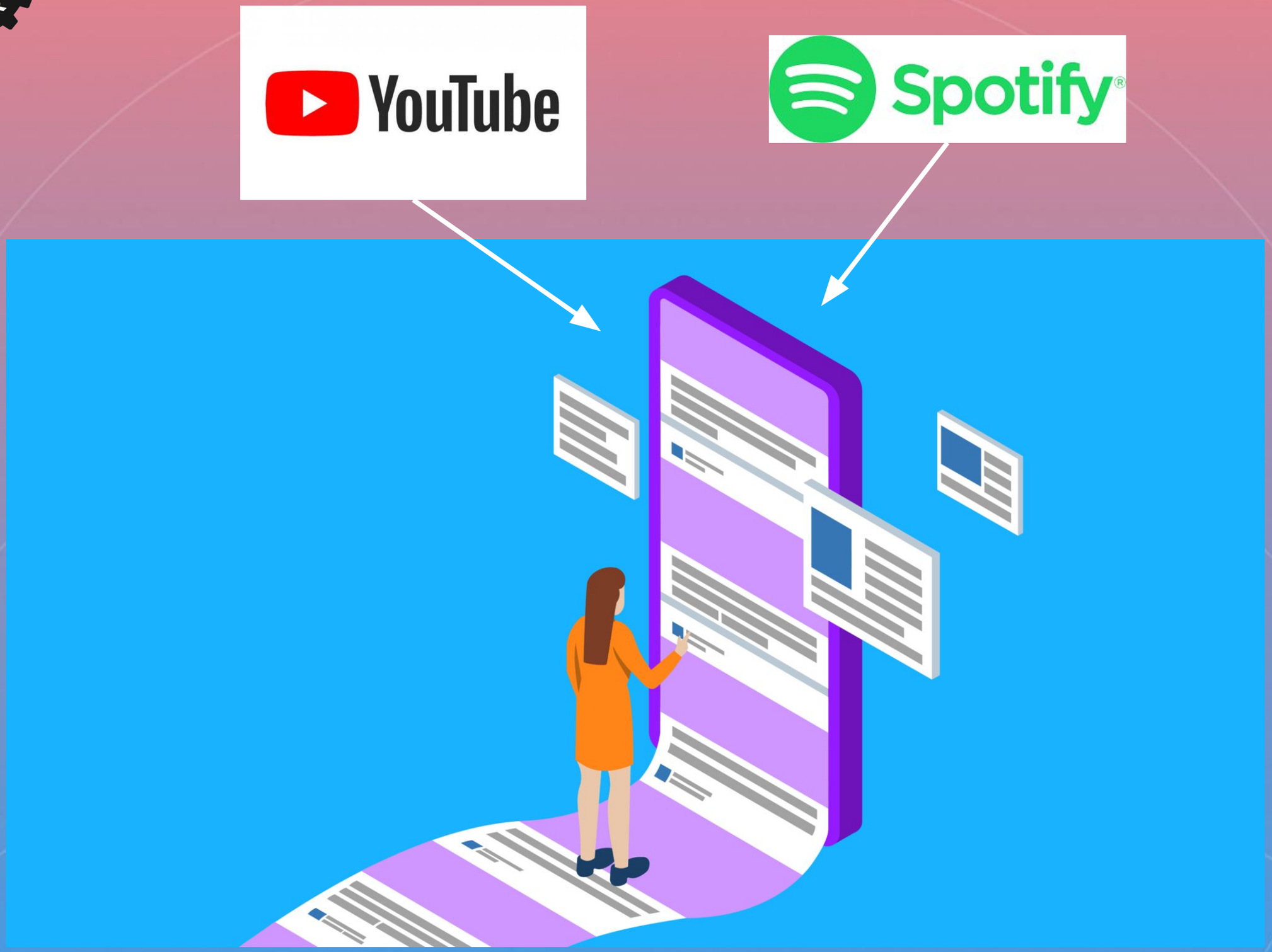

Image Credit: https://customlytics.com/news-feed-in-app/

In-line (Distributed) Websites

Image Credit: https://about.fb.com/news/2021/03/more-control-and-context-in-news-feed/

Distributed Dataverse

Orbit

Perpetual, renewable storage

Storage Insurance

Smarter Storage Markets

Trustless Reputation Systems

Automatic Upgrades

Replication Workers

DeFi for Storage

Repair Workers

L2 Commitments

Quality of Service

Dataverse/Data DAOs

On-Chain Voting

Storage Bounties

Storage Futures/Derivatives

Sector Auctions

Tokens

NFTs

Bulk Discounts

Decentralized, Verifiable Computation

Time-locked Retrieval

Thank You

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