Lightning Network Powered Games



BUNGIE



















KONAMI





















Lightning as a Payment Method

How do games use money?

- 1. Pay to Play.
- 2.In-game purchases.
- 3.In-app currencies.
- 4. Trading.
- 5. Gambling.
- 6. Twitch / Spectator donations.

How can lightning affect these?

- 1. Pay to Play.
- 2. In-game purchases.
- 3. In-app currencies.
- 4. Trading.
- 5. Gambling.
- 6. Twitch / Spectator donations.

How do game <u>developers</u> and <u>players</u> benefit?

1. Permissionless

2. Low fees

3. Microtransactions

Why are games an interesting application for lightning?

- 1. Fun!
- 2. Younger audience that "gets" it.
- 3. Cutting edge.
- 4. Digital.
- 5. Huge industry.

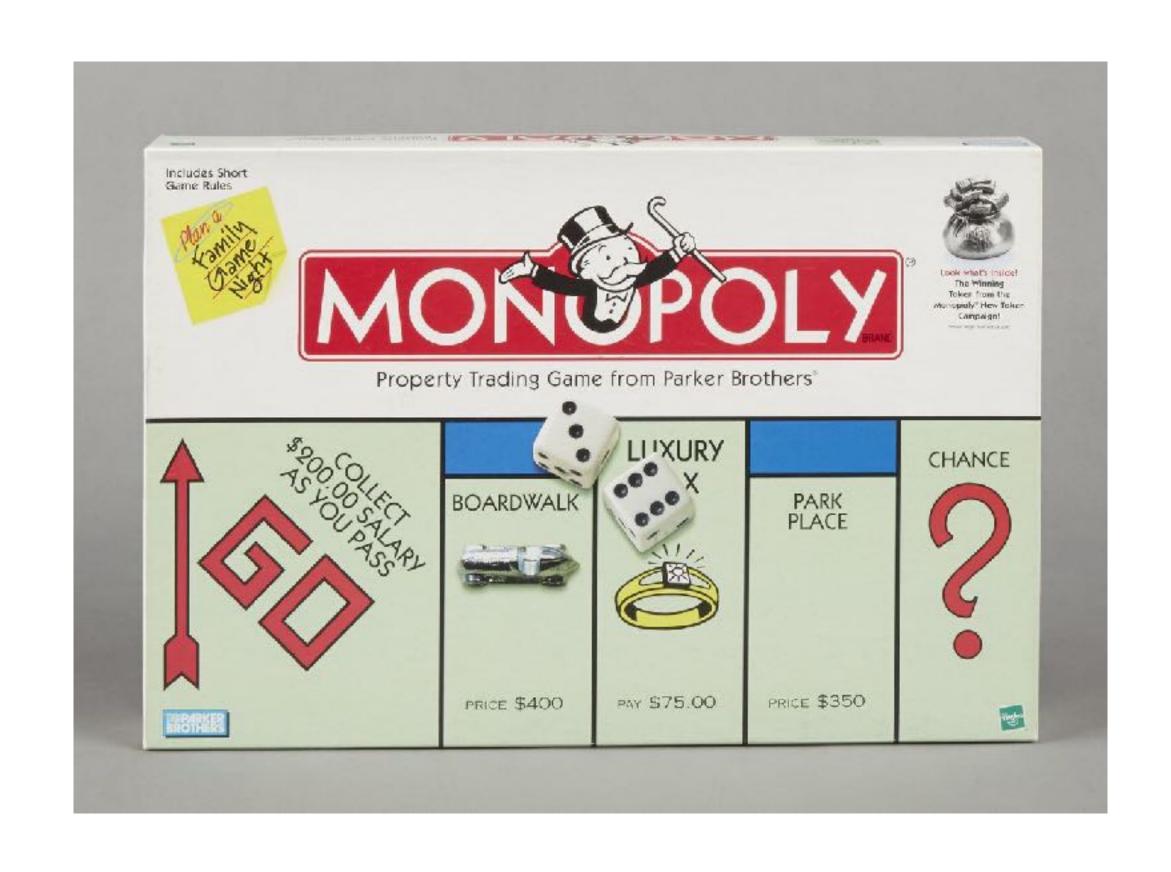
Narrowing things down...

- 1. Indie.
- 2. Browser based.
- 3. Multiplayer.
- 4. Online.



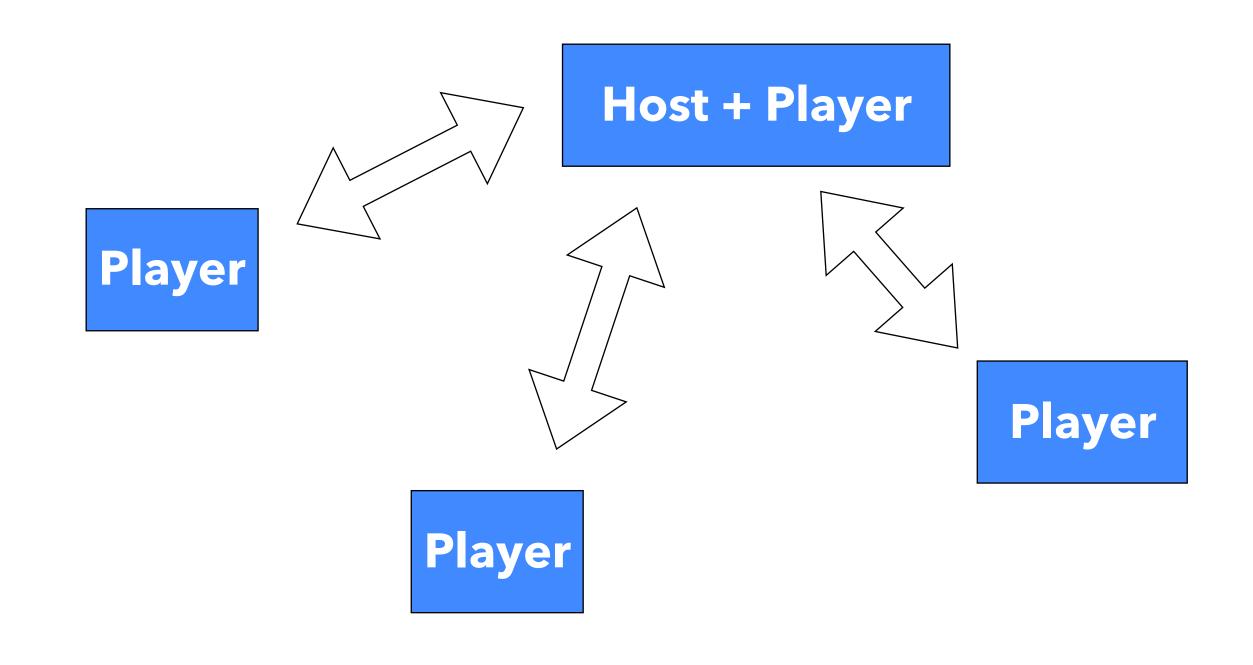






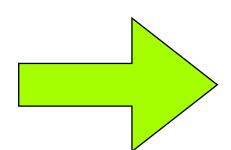




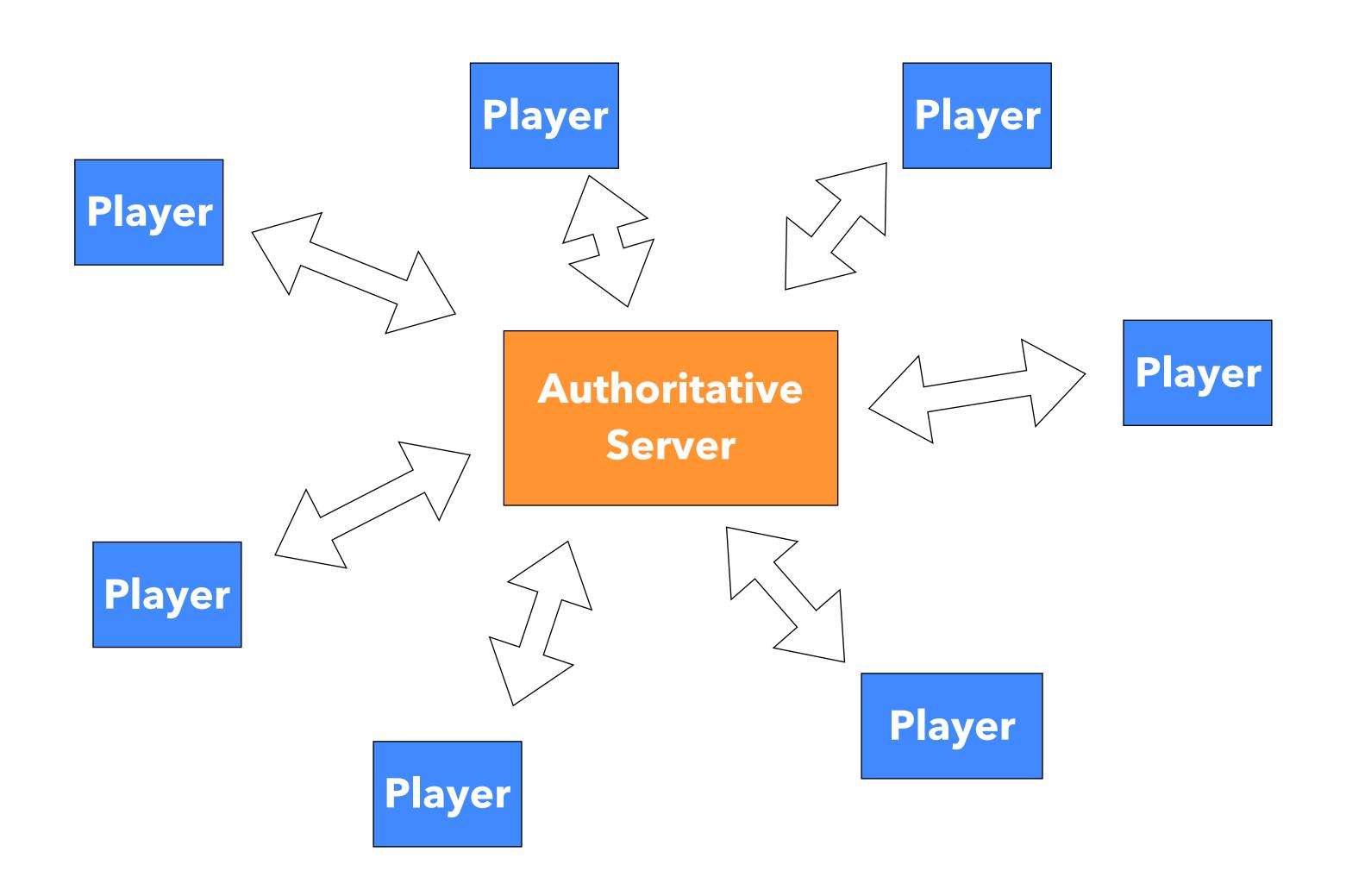




Authoritative Server

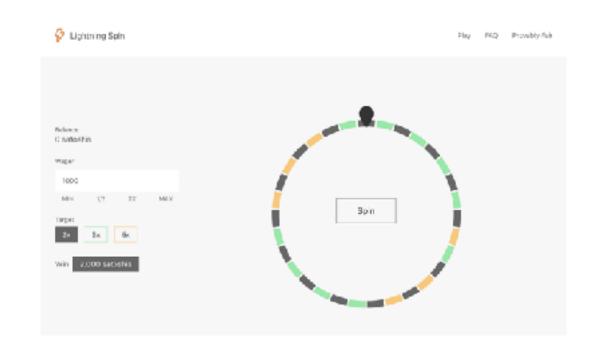






Existing Lightning Games

Lightning Spin



Poketoshi



Satoshis Games



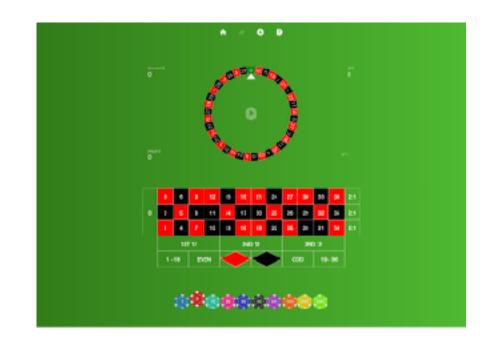
Satoshi's Place



Sarutobi



Lightning Roulette



Experimental Stuff





Tools and Plugins

Game Engines







Game Servers







Lightning



donnerlab1/donnerunity
IndieSquare/btcpayunity
alexbosworth/In-service

Digital Assets and NFTs



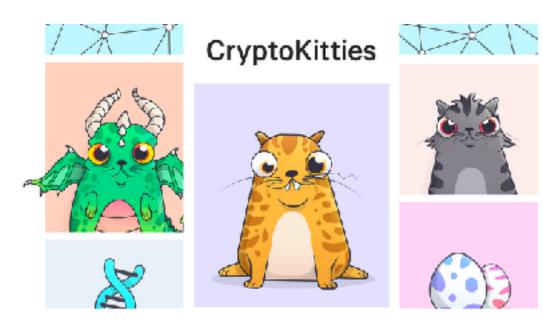
















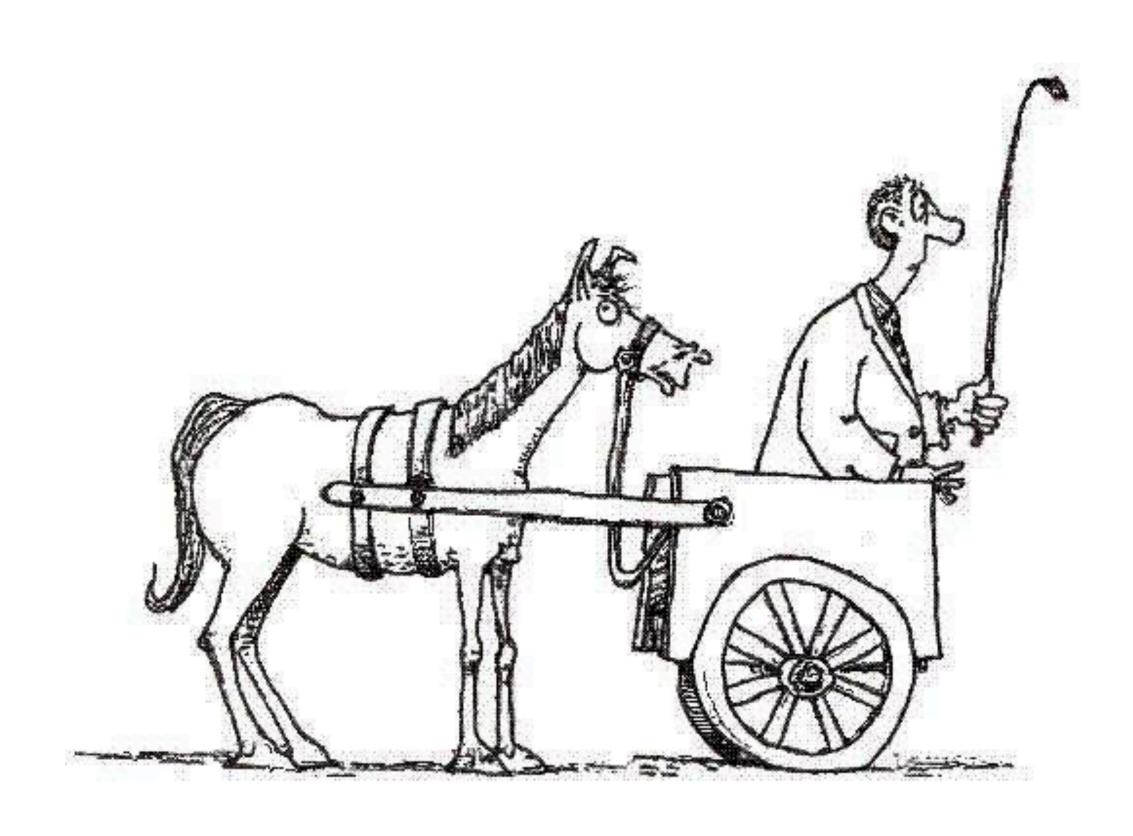








Digital Assets and NFTs

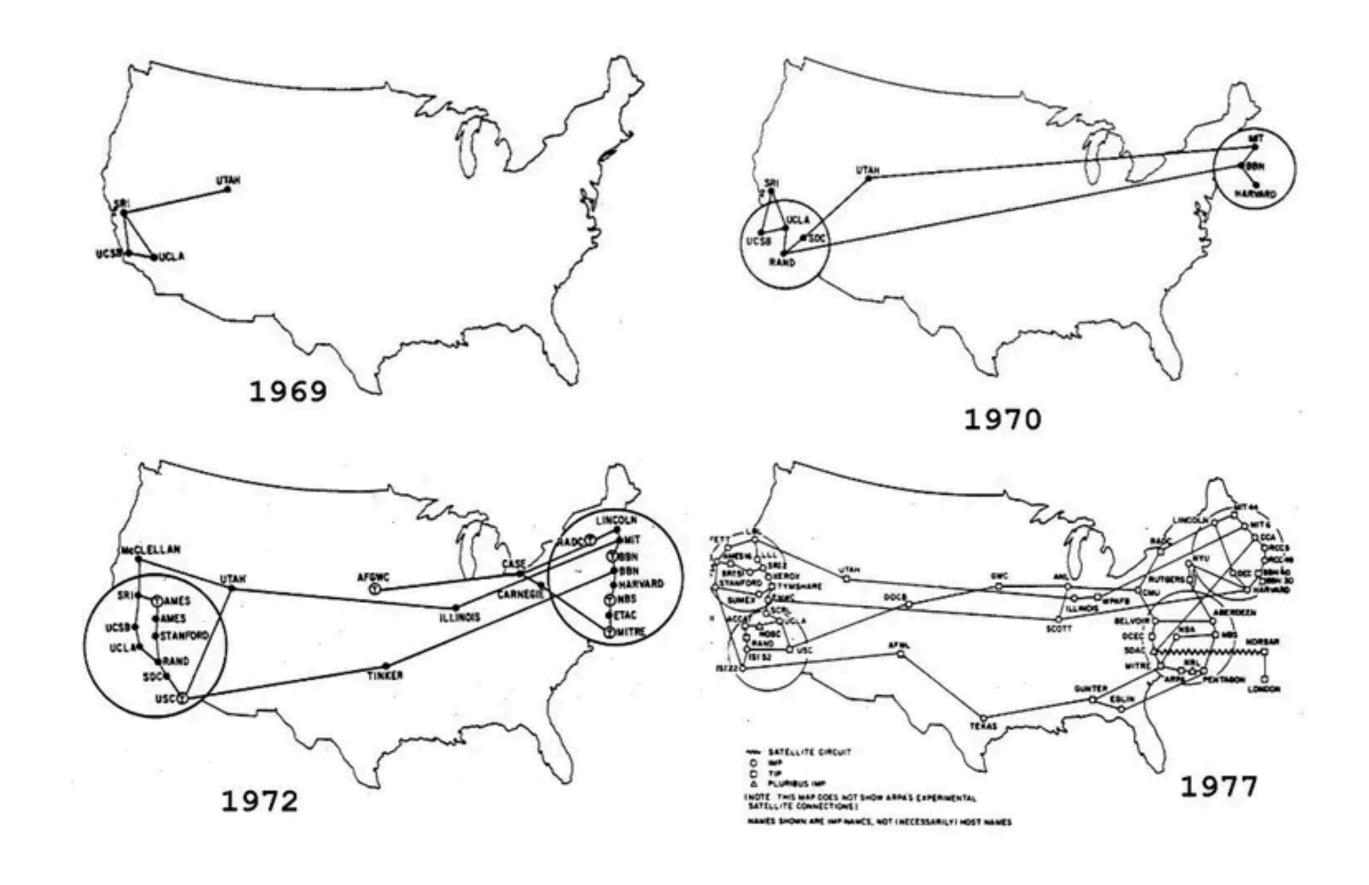


Digital Assets and NFTs





ARPANET

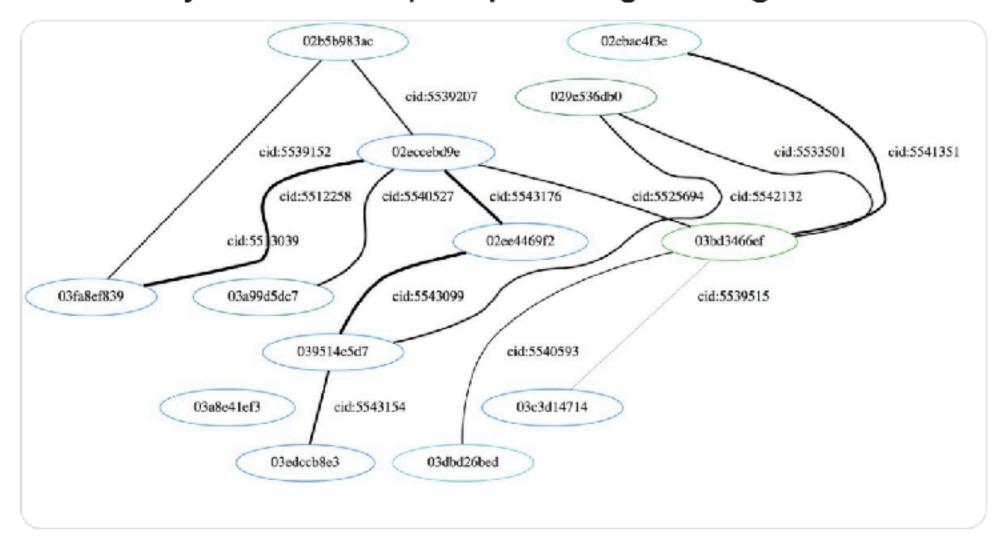


Lightning Network





So many reckless people. Lightning Mainnet.



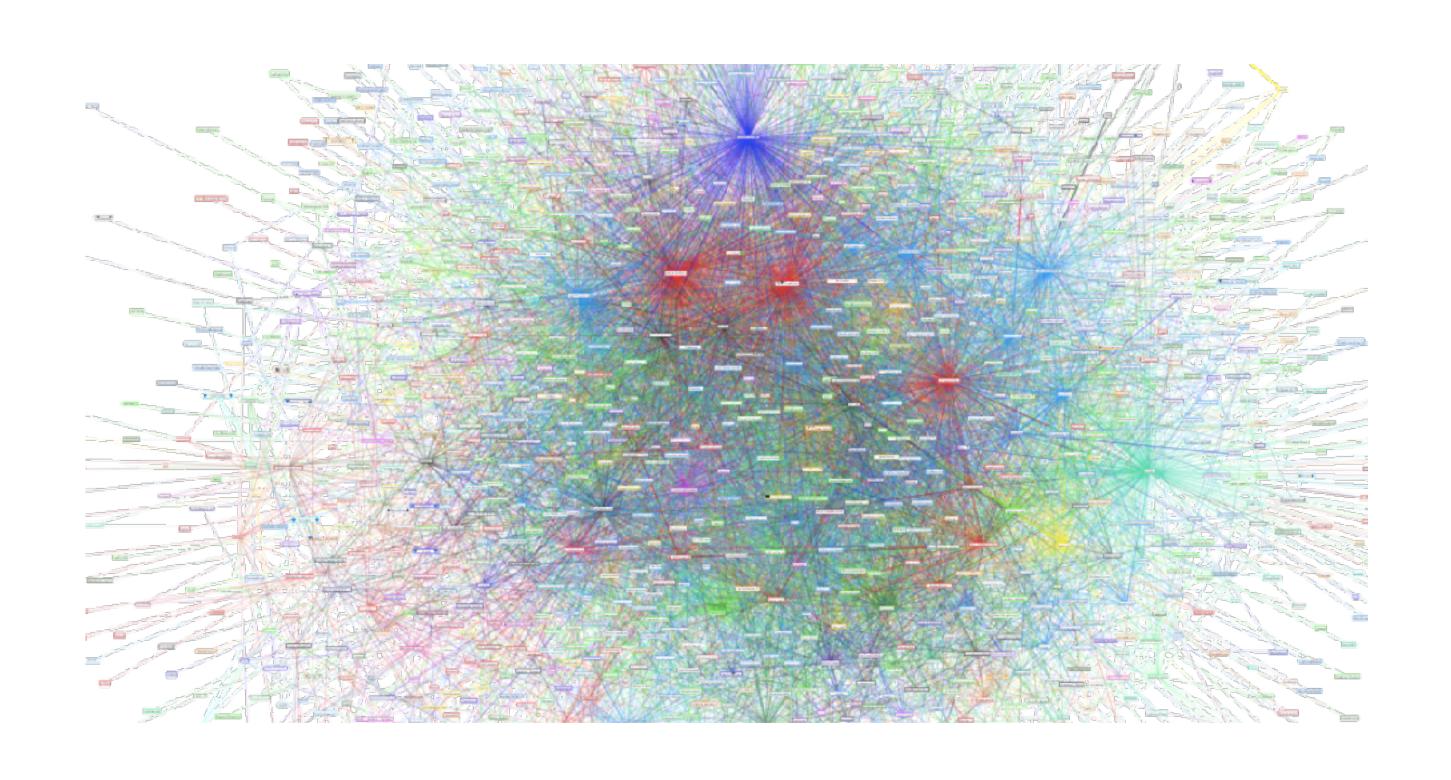
3:00 PM - 14 Jan 2018



14th January 2018

13 nodes 14 channels Capacity << 1 BTC

Lightning Network



October 19

3,776 Nodes 9,322 Channels 111.84 BTC Capacity

Explosive Innovation



1990 - 2018 = 28 years





2016 - 2018 = 2 years



