

GPUCoin zk distributed computing future proof video protocol Dapps platform with zk-snarks Proof of Compute and Streaming cryptocurrency Blockchain

Open Source decentralized censorship resistant network allowing anyone to rent their excess bandwidth & GPU compute, while providing a secure compute connection for those in need

GPUCoin network protocol team

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GPUCoin Foundation

Primer

GCN GPUcoin peer to peer Dapp Network

GPUcoin foundation is developing GPUcoin NETWORK an Open source software, powering a Decentralized Network of live-streaming & distributed computing p2p Dapp Nodes.

GCN GPUcoin Network acts as a marketplace, its Open Source software allows anyone to join the network both

- as a provider selling unused network traffic, GPU, CPU
- as a customer buying live-streaming & distributing computing service

from other GPUcoin GCN Network providers.



GPUCoin peer to peer Network

GPUCoin GCN Network is based on a complex architecture revolving around P2P, Blockchain, Smart Contracts, State Channels, etc. . .

token based, peer to peer blockchain

Read our white-paper for a detailed description on how the protocol will enable the creation of a completely decentralized live-streaming & zk distributed computing network, powered by decentralized micro-payments using crypto-currencies Bitcoins, ETH & block-chain.

Centralized vs Decentralized

Facebook/Twitter	Hoot decentralized
 A central blue node is connected to six surrounding blue nodes, representing a centralized hub-and-spoke network structure.	 A network of seven teal nodes connected in a non-hierarchical, mesh-like structure, representing a decentralized peer-to-peer network.
<p>Focus on Shareholder benefit</p> <p>Your private data in everyone hands</p> <p>Simplified access to your data</p> <p>High profit margins</p> <p>Heavily censored</p> <p>Not fault tolerant</p> <p>not peer to peer</p>	<p>Focus on Network participant benefits</p> <p>Your Private data is Decentralized</p> <p>Restricted access of your data</p> <p>Perfect competition sets fair price</p> <p>Censorship-free</p> <p>a dense Byzantine fault tolerant peer-to-peer network</p>

GPUCoin Values



Decentralized

Ininitely Scalable,
built using P2P
architecture.
Without single point
of failure no central
company or server.



Open source

All source code is
always visible,
empowering
contributions &
100% transparency.





Designed for privacy

Powerful encryption,
Node Reputation,
Layered Protection
Protocols, etc.. All
working to help you
safely & privately
participate in the
Network.

Evolution of internet & crypto currencies

Netscape moment: *Cambrian* explosion of crypto-currency Dapps

			
Phase	Internet	Crypto-currency	Reach
Protocol	TCP/IP, SMTP	e-gold, digi-cash, bitgold, Bitcoin , Ethereum	1M People
Infrastructure	ISPs, lay fiber	Exchanges , secure storage	10M people
Consumer Interface	Browser	User controlled btc/eth wallets	100M people
Decentralized Dapps	Web 2.0	Finance 2.0 Dapps	1B people
Fat Protocols	Web 3.0	FileCoin, GPUCoin empower next-gen Dapps	2B people

Protocol layers like **FileCoin** & **GPUCoin** will form the next Web 3.0

IPCN : InterPlanetary Compute Network



Uber/Airbnb for GPU accelerated distributed computing

- Build **TeraFlop/PetaFlop super-computers** on the GPUCoin Inter-Planetary Compute Network(IPCN)
- architecture revolving around fault tolerant redundant P2P, Block-chain, Smart Contracts, State Channels
- a platform to create new compute primitives using any Turing compute programming language
- use container technologies such as docker & kubernetes to efficiently distribute & use excess unused GPU accelerated compute
- powered by crypto-currency micro-payments GPUCoins GPCs
- **zk-Snarks, homomorphic encryption & indistinguishability obfuscation from functional encryption** for secure trusted **Proof of Compute(PoC)**, better suited for parallel tasks than serial tasks



Decentralized P2P GPUCoin GPC nodes will earn crypto-token incentives called GPUCoins GPC

- for contributing their **GPU** processing power & bandwidth in the service of mining, GPU compute, encoding & distributing video using the GPUCoin live virtual-machine
- for participating in the GPUCoin IPCN **InterPlanetary Compute Network** & security protocol
- much like miners in Bitcoin & Ethereum earn token for mining the **cryptocurrency** in exchange for **breaking complex math puzzles**
- GPUCoin tokens are **paid API keys i.e., utility tokens** NOT securities you can redeem GPUCoin GPC tokens for GPU compute time/bandwidth on the decentralized GPUCoin compute IPCN™ network

Conclusion



IPCN™ Get the GPUcoin GPC tokens from



<http://onhoot.com/tokensale>



Questions?