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## **Abstract**

In Aug 2020 a new digital currency was released called SPAWN that is CPU/GPU Mineable, Asic Resistant and is built with privacy features that help protect it from hackers.

SPAWN chose to build upon the work pioneered by the team of CryptoNote and took Turtle Coin up on its offer to fork their open source code [1] and the result is a state of the art digital currency that is everything that Satoshi set out to make and more.

Spawn has one of the greatest scarcity values of any coin in the world of cryptocurrency with a Max Supply of 10 Million and what makes it different from Satoshi's Bitcoin is that Spawn is a Privacy Coin implementing technology allowing for fully anonymous transactions.

Anyone who has ever seen the World Famous Tsukiji Fish Market in Japan knows that prize Bluefin tuna have been known to fetch \$333.6 Million yen [2] but did you realize that before it became a winning prize fish it had to start its journey as a small fish egg?

SPAWN are tiny fish eggs that hatch "spawn" and have the potential to grow into Big Crypto Game Fish. Do not despise the day of small beginnings. [3]  
Remember big things start from small beginnings.

The community is growing, and SPAWN represents a ground floor opportunity for those who missed the early days of Bitcoin Mining and want to experience the world of Mining.

## **1 Introduction**

On Oct 31, 2008 Satoshi Nakamoto released his now famous whitepaper for a peer-to-peer version of electronic cash that would allow for people to send payments between each other without the need to go thru a financial institution. The proposed system would incorporate a Disruptive Technology, the creation of a digital coin with inherent Scarcity Value and which utilized a Decentralized mean of Accounting with a Transfer Vehicle for send/receive functions.

In the early days of Bitcoin anybody with a home computer and a little patience could mine a Bitcoin. It was not long however before the resources required to mine a Bitcoin called for faster computers and GPU's instead of CPU's. After a time even a fast gaming computer would not be sufficient for the task and specialized computers were developed called ASIC Miners that focused on one thing only and that was processing hashes to generate a Bitcoin. As large mining operations formed with warehouses full of Asic Miners it became impractical and too costly for individuals to participate in Bitcoin Mining and the opportunity was missed by many to participate leaving them only with the option to buy or sell Bitcoin outright on an exchange.

In its 12 year history Bitcoin has had success and failures and the pioneering work of Satoshi Nakamoto has led to the creation of untold thousands of cryptocurrency projects resulting in forks, tokens and new coin hybrids some of which have

survived and prospered while others have failed and been relegated to the trash bins of cryptocurrency history.

In 2020 having learned from the successes and failures of other projects and having set out to create a new digital currency which returns to the original blueprints of Satoshi Nakamoto, a new kid on the blockchain emerges called SPAWN.

In 2007-2008 the United States suffered a Financial Heart Attack when massive numbers of home owners went into default on their mortgages resulting in a domino effect banking collapse which sent shockwaves around the world, On Oct 31, 2008 an individual naming himself Satoshi Nakamoto released a proposal for a Peer-to-Peer Electronic Cash System that laid out a plan to fix existing problems in the global financial systems.

Satoshi proposed the creation of a Digital Accounting Ledger known as “The Blockchain”, where people would now be able to send payments between each other quickly, securely and have a means to record the transactions in an open ledger that allowed for transactions to be processed and verified without the need of a third party centralized financial institution as a gate keeper.

Satoshi’s original whitepaper can be read here at: <https://bitcoin.org/bitcoin.pdf>

In Jan 2009, BITCOIN went LIVE and the first Bitcoin was mined and the world of crypto was birthed. A new digital currency created for the people and controlled by the people was now a reality and people using a home computer began mining hashes and joined the New Digital Gold Rush to mine for Bitcoin and speculate that one day their hard work verifying transactions on the blockchain would pay off and make them wealthy.

Over time the network grew and grew and Bitcoin would go on to become a household name and rise in value from ZERO to heights of \$20,000 USD per bitcoin by Early 2017 only to fall and then fluctuate in price like a roller coaster.

In the past 4 years alone the value of Bitcoin has increased 10x to the point that it is now being sought out more than gold and has become synonymous as being a store of value in uncertain economic times.

Bitcoin was intended to be a Disruptive Technology breaking the monopoly of centralized banks who control the money supply of peoples and nations and who act as gatekeepers.

It is estimated that at this present time there are more than a Billion people walking the globe “unbanked” meaning unable to have a bank account as they don’t qualify by banking standards and as a result are left operating in a cash-only world where cash is on schedule for extinction.

The accepted belief by Bitcoin enthusiasts was that Bitcoin would grow and grow and its use would become ubiquitous over time. While Bitcoin has grown in value 20,000X from its inception the truth is that 12 years later you would be hard pressed to buy a cup of coffee or a hamburger with a Bitcoin.

Bitcoin achieved its goal of creating scarcity by stipulating that only 21,000,000 Bitcoins will ever be minted but it failed in its goal of widespread acceptance.

Bitcoin for many people is seen as a speculative investment in the hopes of the value surging so that they can cash out and convert their Bitcoin to a centralized currency that can then be used to buy real world things such as Lamborghini’s.

As more and more coin and token projects emerge it is becoming apparent that for most projects on the scene that the current state of cryptocurrency is far removed from the ambitions of its patriarch Satoshi Nakamoto.

Most of the projects on the market require no miners and are known as pre-mined tokens having been financed by shady ICO offerings which have a history of being nothing more than pump and dump schemes and a means by which some people get rich and the masses end up with nothing.

With pre-mined tokens the very act of “Proof of Work” (POW) Mining has been eliminated and no longer can a person experience the challenge and thrill of working to create something of value.

SPAWN seeks to restore an opportunity that many missed who were not in on the early days of Bitcoin and give anyone with a computer and the desire the chance to join in on the fun of cryptocurrency mining.

The norm for most coins and tokens is to set a Max Supply totaling in the Billions or even trillions and in most cases the Scarcity Value is so low that growth is stunted and many will ultimately die from having too many coins in circulation.

SPAWN will survive where others have failed by limiting the Max Supply to only 10 Million coins making it's Scarcity Value one of the Highest of any coin ever created.

Additionally, where SPAWN has improved on Bitcoin and which sets SPAWN apart from most of the competition is that SPAWN is built on the world renowned CryptoNote Algorithm which gives it privacy features. Known as a Privacy coin, SPAWN is semi-fungible which helps to protect it and its holders from hacker attacks by hostile bad actors.

The result is a coin that has scarcity value, can be mined by anyone, and has privacy features that further increase perceived value compared to run of the mill coins and tokens.

SPAWN as mentioned earlier was created by absorbing what is useful and discarding what is not from existing open source technology without having to reinvent the wheel.

An open source project was sought out that had all the features desired in a coin and then with tweaks SPAWN was created and introduced to the world. Turtle Coin which has an open invitation to fork it and which improved upon the CryptoNote project was the obvious choice. We salute all those who have come before us and build on the shoulders of pioneers.

Where others have failed SPAWN will succeed and in time is expected to grow to become one of the top players in the field of cryptocurrency.

## **2 Spawn Genealogy aka Family Tree**

1. The CryptoNote developers
2. Bytecoin
3. Monero

4. Fork Note
5. Turtle Coin
6. Spawn

### 3 Basic Parameters

Symbol	SPWN
Coin Type	Digital Currency
Supply	10,000,000
Decimals	8
Block time	120 sec
Cryptocurrency Protocol	CryptoNote
Hashing Algorithm	CryptoNight Turtle (Asic Resistant)
Consensus Mechanism:	Proof of Work (POW)
Mineable?	Yes - CPU. GPU, Asic Resistant
Security Features:	CryptoNote Technology
Other info:	No ICO, No Presale

### 4 CryptoNote Elements

SPAWN is a proof-of-work coin and classified as a “Privacy” Coin. When Satoshi set out to create his electronic cash called Bitcoin he recognized the need for Privacy and concluded that “a level of privacy could be obtained by keeping one’s public keys anonymous.” [4]

Bitcoin does not offer anonymous transactions and so unlike Paper currencies can be tracked.

With the introduction of the CryptoNote x 2.0 algorithm on October 17, 2013 by Nicolas van Saberhagen this deficiency has been rectified.

SPAWN chose to implement CryptoNote Technology which allows for **Trace Resistant Transactions** through autonomy where “the sender is not required to cooperate with other users or a trusted third party to make his transactions; hence each participant produces a cover traffic independently.” [5]

While no digital currency is likely to remain Fungible forever the inherent privacy features incorporated into SPAWN can help to protect its coin holders from most hacker attacks the average person is likely to encounter from bad actors and let it's users enjoy the same privacy afforded by Paper Currencies.

Read the Full Whitepaper by CryptoNote detailing its Privacy Features here:  
<https://bytecoin.org/old/whitepaper.pdf>

## **5 Spawn Package**

A Zip file is avail for anyone wanting to mine spawn or setup a wallet to send/receive SPAWN and consists of the following modules:

### **SpawnEngine**

This is the software that syncs your computer with the SPAWN blockchain. To mine or operate your CLI wallet you will need to run this program. Be aware that most anti-virus software will perceive cryptocurrency projects like SPAWN as a virus and so you will need to flag it as an EXCEPTION, so you have no issues.

### **SpawnWallet**

This is the software that you use to create your SPAWN Command Line Input (CLI) wallet and to perform other functions such as sending or receiving SPAWN. You can also MINE to the SPAWN wallet you create with the SpawnWallet software. **SpawnWallet** is avail for Windows, Mac, and Linux

[Software Libraries can be found here for Windows/Mac/Linux:](#)

SpawnEngine with SpawnWallet (CLI) - GITHUB

<https://github.com/spawncoin/spawncoin/releases/tag/v0.1.3>

SpawnEngine with SpawnWallet (CLI) - GITLAB

<https://gitlab.com/spawncoin/spawncoin>

## 6 Blockchain Explorer

A blockchain explorer is where you can look up the SPAWN network and see stats such as the blockchain height, circulating supply, number of transactions, network difficulty, and more. You can also check your transactions and see mining pool stats.

Our official blockchain explorer can be found here: <http://139.180.222.70/>

## 7 Mining

Mining is the process by which transactions are verified on the network by individual miners and groups of miners called “pools” which compete to find and solve blocks for the blockchain which verifies transactions. Once a block is solved, a reward of SPAWN coin is disbursed to those miner(s) who find the block. The more powerful miner(s) you have, the more you can earn.

Here are some of the Mining Pools established for SPAWN

Official Mining Pool 1 <http://45.77.131.170/>

Official Mining Pool 2 <http://108.61.166.155/>

An additional pool you might consider is here: <https://pool.walemo.com/spwn/>

Compatible Algorithms for mining are:

CryptoNight aka **CN**

CryptoNight Lite V7 aka **CN Lite V7**

CryptoNight Turtle aka **CN Turtle aka cn-pico/trtl**

Instructions on how to mine SPAWN are available at: <https://spawncoin.org/>

## 8 Exchanges

We welcome NEW exchanges to list SPAWN. At the present time SPAWN may be found at the following sites:

KuangEX [https://www.kuangex.com/trade/spwn\\_usdt](https://www.kuangex.com/trade/spwn_usdt) SPWN/USDT Pairing

## 9 Conclusion

SPAWN is one of the Newest Mineable coins to become available that possesses many great attributes.

1 - It is a Fungible Coin deploying the Cryptonight Turtle Algorithm

2 - It is CPU/GPU Mineable (Asic Resistant) which makes it an ideal coin for people to mine with their PC and Mac's and is open to anyone who would like to mine it.

3 - It has Scarcity value that most coins do not have. Max Supply is 10 MILLION SPAWN compared to Billions or Trillions of units for many coins out there

NEW Mining opportunities for CPU/GPU are becoming rarer with a move of many to POS. SPAWN is a welcome opportunity for those of us who missed the bitcoin mining heyday when BTC could still be mined on a home computer.

SPAWN your financial future. #minespawn

## 10 Community Links

Discord Channel: <https://discord.gg/a3DNWgM>

Twitter Channel: <https://twitter.com/SpawnCoin>

Brighteon.social: <https://brighteon.social/@spawn>

Telegram: @spawncoin

Bitcointalk: <https://bitcointalk.org/index.php?topic=5268874>

Reddit: <https://www.reddit.com/user/spawncoin>

## 11 References

- [1] Turtle Coin, " We want you to fork our software," <https://medium.com/@turtlecoin/altcoin-101-create-a-CryptoNote-privacy-coin-clone-in-one-hour-f14bff7eb2fd>, 2018
- [2] Associated Press <https://www.nbcnews.com/news/world/bluefin-goes-3-million-1st-2019-sale-tokyo-market-n955101> 2019
- [3] Yehovah, " For who hath despised the day of small things? for they shall rejoice, and shall see the plummet in the hand of Zerubbabel with those seven; they are the eyes of the LORD, which run to and fro through the whole earth. Zechariah 4:10
- [4] Satoshi Nakamoto, " 10. Privacy," <http://www.weidai.com/bmoney.txt> 2008.
- [5] Nicolas van Saberhagen, " 4. Untraceable Transactions", 2013 <https://bytecoin.org/old/whitepaper.pdf>