

White Paper for GMSTAR

GMSTAR White Paper

Real currency that reflects the value of reasonable cryptocurrency, non-current and fixed assets, and international transactions based on blockchain trust networks that can be settled naturally in our daily economic activities, and stable asset management.

The Birth of GMSTAR

The development of money is the same as the development of the industrial economy. In the counter-war era, currency transactions begin in earnest with the addition of a means of guaranteeing payment. As a result, the banking role in modern times is established as credit creation occurs beyond the real value of money.

In modern society, the inflated value of credit creation is taken too naturally. Money is based on exchange, and it has its own purpose to replace value.

Cryptocurrency is clearly the reason for its birth.

Independence from artificial manipulation by central agencies. In other words, the struggle to escape from the harm caused by inflation or quantitative easing begins. Speculation or capital gains are not the purpose. However, due to the focus of the security function of the transaction itself, the security of the asset was insufficient and the ultimate function of the currency, which is stable operation of the asset, was not secured. In addition, side effects such as speculative use that do not fit the purpose of development are occurring.

Crypto Currency GMSTAR

GMSTAR accumulates as much asset collateral as it has issued. Thus, it embodies the most rational and ideal form of currency that the early market economy had.

GMSTAR is a cryptocurrency that has an easier and more stable authorization function by securing connectivity and connectivity with existing authorization systems linked to VISA and MASTER cards.

It is reflected in the real economy, not speculative assets, to realize the original function of cryptocurrency that is both principled and pure. We have established an operating system for this, and we are preparing a lot of consideration and preparation to ensure the purity of the function.

GMSTAR contains functions to be classified as economically stable assets.

We want to act as a stable asset that can be operated in accordance with the cycle of the world economy. It also seeks to expand its operating network and a platform that can match SWIFT, which is part of international remittance transactions. To this end, we are preparing to run many

international NODE.

This NODE will serve as the Core NODE of GMSTAR.

For now, I would like to base Vietnam, Thailand and Indonesia. Later, we will expand to Japan, Russia, Hong Kong and Singapore to expand the region around East Asia.

This is because the real economy is coupled and aims for a gradual and stable operation of GMSTAR.

The rare occurrence of payment-oriented cryptocurrency in the global market may be the biggest reason why the real assets of the issue are not supported. That is, there is nothing substantive (such as gold or other fixed or non-current assets) that guarantees a stable asset.

State-issued currency has a national guarantee and a strong control system to maintain its economy. Therefore, any cryptocurrency not issued by the state is bound to be an unstable asset.

Thus, GMSTAR is a currency issued and operated by the private sector, and it will be a stable asset for the real economy by defining and defining the original purpose of cryptocurrency.

In principle, GMSTAR is not affected by quantitative easing in the country. However, global macroeconomics are not absolute because all human activities affect each other. Nevertheless, it is designed to have a significant defense mechanism for irrational artificial measures such as economic shock such as subprime mortgages and abnormal ticketing to escape adverse effects.

It is not desirable for GMSTAR to be placed in a speculative situation because it wants to perform the function of real money in the real economy.

Therefore, the future of GMSTAR will be right to deal with existing banks trading foreign exchange under national and global operating standards, not with the current exchange concept formed like the stock market, or with chain exchanges with GMSTAR settlement modules and exclusive rights. In other words, transactions in foreign markets are correct.

The paradigm of value that moves the world is constantly changing.

The paradigm of the economy is sometimes based on success and growth, and sometimes on justice and distribution.

In an economic crisis, all societies seek success and growth.

It has been more pronounced since the collapse of the global economy since 2008.

It is not clear whether quantitative easing in the United States has boosted the global economy, but the rapid inflation has led to a deepening polarization of economic agents and a devastating decline in the stock market. Especially in the Third World.

Developed countries that lead the world economy, particularly the United States, which has the right to issue key currencies (defined as "currencies for international transactions") through World

War I and II, sometimes promote the world economy through indiscriminate quantitative easing. Japan's economic crisis, for example, was caused by the U.S. Reaganomics in the 1980s, with interest rates rising to 17 percent by the U.S. administration, and Japan, an export-driven economy, had no limits to its growth due to sharp inflation.

Since then, the appreciation of the Japanese yen at the New York G5 Consensus has appreciated from 250 yen to 120 yen per dollar, regardless of the Japanese will.

As a result, Japan is facing an economic crisis, and the Japanese government implements economic stimulus (ultra-low interest rates). This creates a serious bubble in stocks and real estate, which eventually happens in the 20th year.

Behind the scenes of an economy by a centralized system with absolute power.

Currency clearly has the right to be issued by each country. This can boost the economy and inhibit that level. However, it is true that modern society is so intertwined with the economic situation between countries that it is difficult to control peripheral things even within the country, with only its own currency.

In most countries where the economy is small or where the political situation is uncertain, the issuance of their currency is so natural by state power that it eventually loses its value. This is why I prefer the dollar.

A country's economy needs to be independent. That's why they try to avoid the effects of the dollar, apply fixed exchange rates, or encourage exchange rates at the national level.

In either case, it is not market friendly.

Cryptocurrency should be priced by the user network. In other words, cryptocurrency stems from the desire to be independent to some extent in an economic society promoted by the central government or a central institution.

It is clear that the act of listing it as a single item traded in the stock market and continuing to try to appreciate its value resulted from ignorance or attempts to encourage speculation that did not understand its essence.

Exchanges are only significant in exchange for currency, i.e. value by exchange rate.

This is especially true because there are no real and performance of listed companies such as stocks. The stock market is organized to reflect the performance of listed companies.

In order to prove and monitor the disclosure system, a state-certified stock exchange is operated.

Most people who own cryptocurrency think that the image of the cryptocurrency exchange will be the same as the stock exchange.

Cryptocurrency does not reflect performance. That is, there are no properties of the stock.

The full meaning of money is a promise. However, since its value is limited to the user group, it is very difficult to expand its commitment in a wide range of economic activities. This is the formation of a key currency.

In terms of cryptocurrency,

It is true that we have recently given that role to Bitcoin. But it's also a simulation of Bitcoin that we've imaged, which is different from reality.

The cryptocurrency market in the future is where many attempts will be made to serve as a key currency. In other words, attempts to secure guaranteed assets and cryptocurrency issued by the state itself are clear future directions.

That's why Altcoin's position, which does not prove its very clear purpose and value on the current exchange, is bound to have a clear end.

The use is unclear or the way the initial purpose is diluted and deployed is not valid, and cryptocurrency that promotes speculation in transactions is not eligible.

This is an unproven proposition.

It is a natural act to secure guarantees according to publication through many technical considerations and introduction. Nevertheless, the response in the cryptocurrency market is only subject to speculation except for very special cases (cryptocurrency that is already qualified or expected to qualify).

Cryptocurrency for de-centralization purposes

1. Lack of technical consideration of network distribution, and lack of basic physical (Core NODE) and trust network (Circle of Trust) to ensure diffusion and security, which are re-centralized.
2. On the other hand, some exchanges exploit the block-forming delay of the coin and the closed network of the exchange itself, causing investment to turn into speculation.
3. This phenomenon causes control and regulation through the intervention of state agencies.
4. As a result, a pattern is being created that the cryptocurrency market is generally contracted.

GMSTAR

1. It forms a stable core NODE.
2. The guarantee asset system is introduced to enable stable asset management.
3. As a result, we will ensure that international transactions are stable and fast, and that the cost factors of transactions are reduced.

GMSTAR

We're going to distribute a dedicated wallet to curb speculation through the exchange as much as possible.

Configuration of the GMSTAR Trust Network

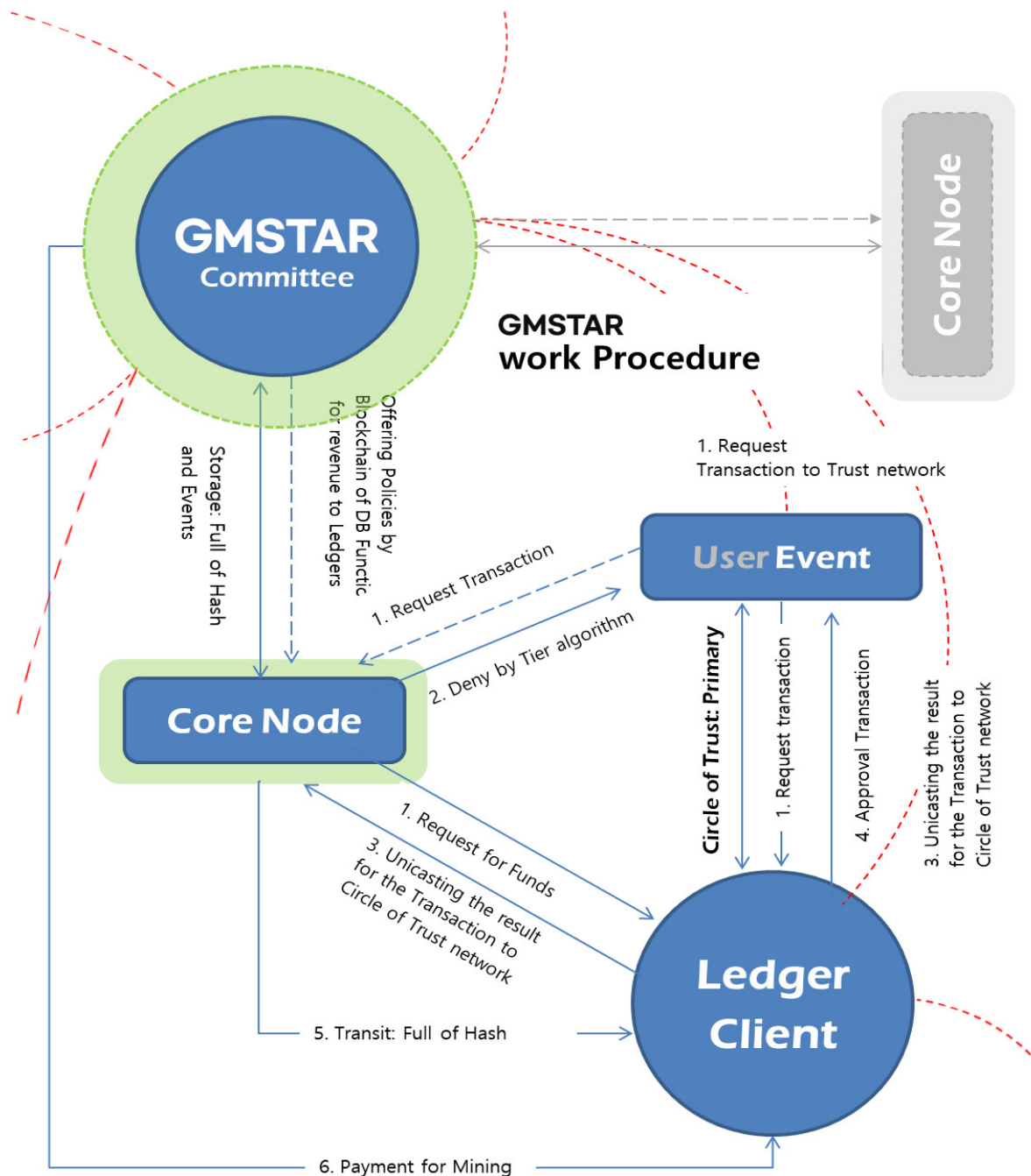
GMSTAR's trust network consists of the following:

1. Core NODE – 8 countries / 40+ locations: Primary
2. Exclusive Chain NODE - 2 countries/ 12 or more: Korea, Vietnam, Indonesia
3. General NODE – 10,000/miner (User/client) or higher with ASIC: 2nd
4. Handling banks - 2 countries/ Korea, Vietnam: 1st

However, in the case of paragraph 4 above, it is difficult to aim because it follows the bank's policy and information about the bank branch. In addition, we will introduce Cold Wallet or other certificate methods independent of the consultative bank's network. In other words, transactions with banks focus on international remittances, and in some cases, smart control or escrow services will be the limit.

If the right implementation is made based on the payment platform and national operating standards, it will be possible to link and link with more stable institutions. This means that the user's ease of use is greatly expanded. Therefore, many transactions can be expected through GMSTAR. Furthermore, security will be maximized through the expansion of trust networks.

Incremental network expansion means a gradual increase in users. In its initial operation, it can be somewhat burdensome to go beyond the status of many altcoin, including leading cryptocurrency. However, since there are few cryptocurrencies based on guaranteed assets, the expansion will spread at a very fast pace if convenience is supported and stability is expected. In other words, you enter a stable virtuous cycle structure.



Applying GMSTAR's technology

Problems with how blocks are created

Block means the price at which a person with a hash can obtain the coin.

POW, a block creation method that is largely classified as Bitcoin, has the concept of "difficulty" to keep the time at which the block is created constant.

Increasing the total amount of hash increases the difficulty level, which requires more hash to find the block, so the time the block itself is created remains constant. The concept of 'confirm' is complete when one block is found and moved on to the next. However, many of them are closely related to 'hash', such as the distribution of coins and the creation of blocks, so it is easy to cause 'hash' problems.

1. Hacking: When a group of people with more than 50% of all hashes appears, it's possible to distort transactions or turn misinformation into real information.

2. Centralization Against Decentralization: Hash is becoming massively clustered in increasing numbers.

3. Computing Power Gathering: To prevent security issues that can occur if the entire hash goes down more than a certain period of time due to the arrival of half-life, price drop, etc., methods such as Merged Mining are currently being used to maintain the hash. However, essentially, there needs to be 'keep more than a certain total hash' and 'distributed non-monopoly (decentralized) hash' to avoid security issues.

4. Personal Miner's Difficulty: Maintaining a certain amount of hash is becoming increasingly difficult for one individual individual, leading to the possibility of being monopolized by a small number of individuals and concerns. In addition, 'hash' must be maintained even when mining is complete to address coin transmission and security issues.

5. Economic problems: But at the end of mining, the only benefit of maintaining a 'hash' is the Transaction Fee. However, there is a need for measures in this area because the cost of maintaining the equipment is likely to be greater than the benefit of the transaction fee.

Bitcoin with 1MB blocks is known to handle about 7 to 8 transactions per second and 20 transactions per Ethereum.

There is a difference between 200 cases of PayPal and 2,000 cases of Visa. (If you expand to Alliance, it's known as 52,000 cases.) That is, most cryptocurrencies have clear scalability limits to use as a real service.

Blockchain in GMSTAR

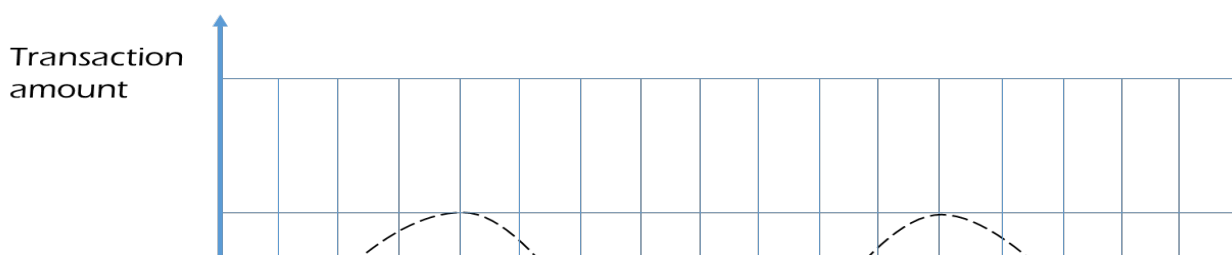
GMSTAR

Combine POW and POS to apply the Casperconsensus Algorithm method. However, they have their own blockchain by combining a very unique algorithm called Tier and Channeling Bus.

Responsible for POS will be Core NODE and Alliance NODE and Tier 1 Miner groups.

Classification for the Tier is as follows:

Tier 1/ 2/ 3/ 4



In addition, the analysis tool categorizes purely the amount of money in the transaction. The classification of tiers will be carried out by issuing policies, but the policies may vary depending on market conditions.

To make it easier to organize the contents.

It is a mechanism that follows the format of the manure (mesh filter). This is a method of categorizing the amount determined by the policy by the entrance of the manure step by step.

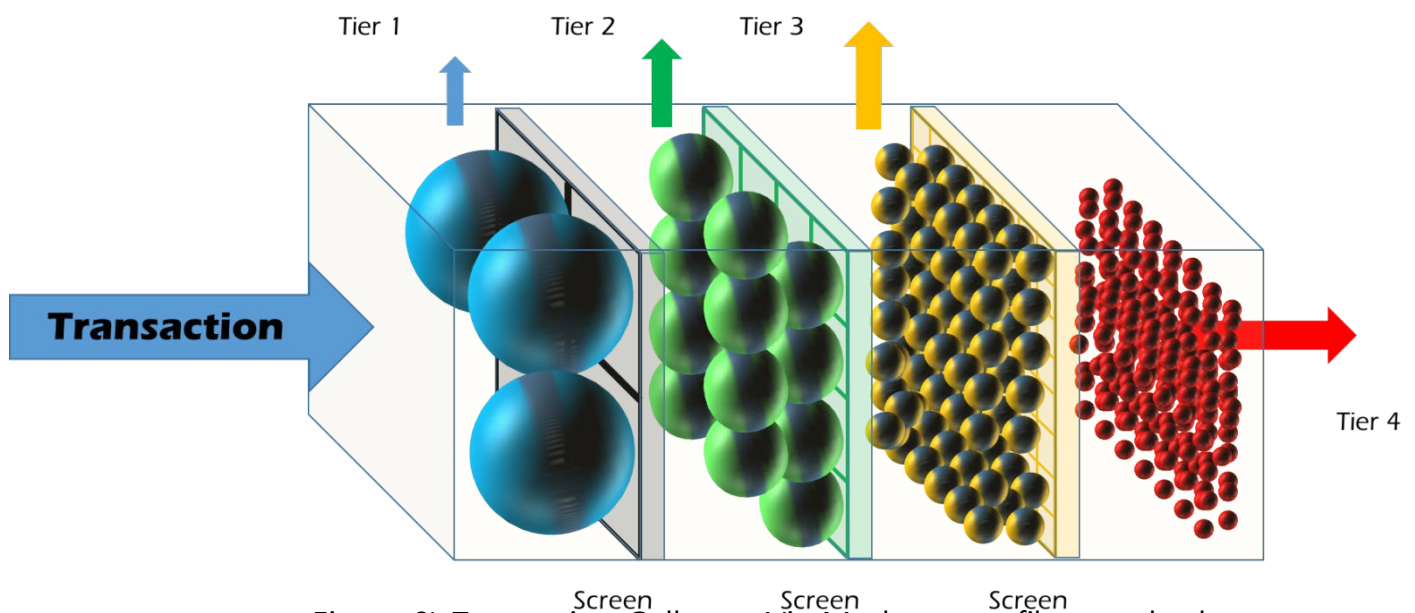


Figure 2) Transaction Collector Via Mesh screen filter method

The criteria in the classification phase are:

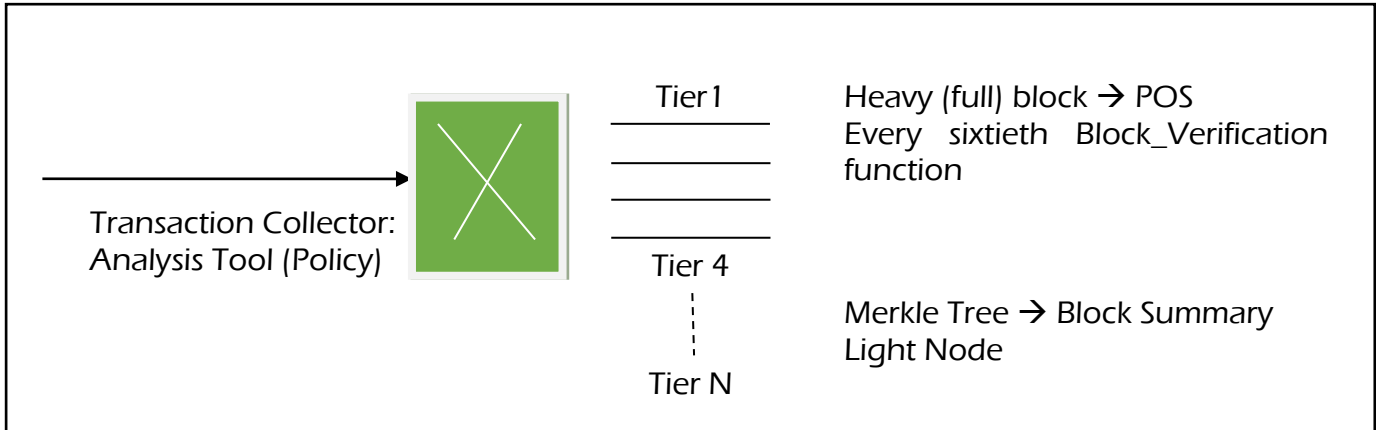
You will follow the $\text{Log}_2[n]$ format. Screen Size for the purpose of collecting and classifying transactions can be changed by each day of the week or by a policy that you base on.

This application is in actual use.

This is because in principle, the fast processing of small users and the careful and safe processing of large users are applied.

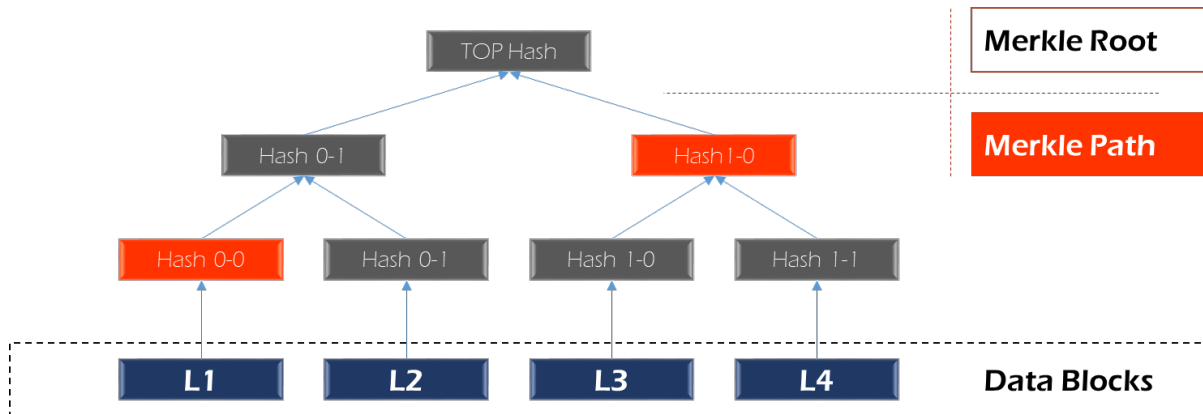
Through this, GMSTAR will become a more popular and stable currency.

Schematic system for classification is shown below.



The setting of values for $F(x)$ is determined by the issuing committee's decision. However, the fundamental element of the decision is only the price, and the element that determines the price means the payment criteria for the creation of the block. Tier settings are based on classification by price and volume, which means that nodes with less Hash Power can also be compensated at an appropriate level and have a structure that adjusts the overall blockchain load by refreshing Hash every 60 blocks.

Merkle Tree Composition:



GMSTAR's Block Creation Policy

Regardless of the Tier Class, it will be closed to creating every 60 blocks. The key variable is recognized for the amount of transaction, and the block is created by extending the verification operation in the block to the maximum extent possible to verify it.

The process will be entirely POS-based.

It is a methodological application that demonstrates the purity of the block and the speed of the processing of the task. It can be used as a way to remove errors or contamination of blocks.

At this time, the original copy will be stored separately and the preservation and reporting to the relevant agencies will be carried out in accordance with the law.

The cost of creating blocks from transactions is to automatically categorize the tiers according to initial data. Of course, the tier will be adjusted by the time frame assessment.

The classification and payment of the tier according to the proof of the transaction or the creation of the block shall be determined as follows:

- a. 1 Tier: 100~: 1,600Coins (block creation time 2B/60secs)
- b. 2 Tier: 50 to 99: 400 Coins (block creation time 4B/60secs)
- c. 3 Tier: 10-49: 100Coins (8B/60secs block creation time)
- d. 4 Tier: ~9.999: 25Coins (block creation time 16B/60secs)

Of course, this will be classified by automatic or BIG Data, depending on the volume of transactions and the state of intent and operation of participating NODE. In other words, a fixed tier exists, but the section reflects the reality.

In the case of 4Tier, the cost of creating blocks for small payments may be higher than the transaction size, but it will be managed up to 5% by delaying the creation of blocks based on the amount of transactions made by the DATA analysis tool.

Based on mathematical analysis, according to the normal distribution table,

Avoid unreasonable consideration in the GMSTAR block generation program, which classifies classes based on data analysis algorithms that reflect 4 Tier and 1 Tier transactions and re-differentiate data within that Tier.

The size of the block will be 1MB, and we will handle approximately 20 to 14,400 cases per block. In principle, Tier 1 nodes are designed to engage in any Transaction. Therefore, even if a large-scale transaction is not going on, or is rarely going on, Transaction will be directly involved in the verification.

However, if even one event occurs, verification of all other sub-tier is immediately put into the verification of the section, which is, in principle, subject to priority due to the algorithm's change in the routine.

This may be a reward for qualifying as a higher tier. However, it would be the most stable organization of NODE and Network.

Unlike in the beginning, the proliferation of GMSTAR will break down into more tiers than the currently configured four tiers.

It's a structure that pays off as much as the computing power it provides for a trust network.

The value of GMSTAR's issuance and trust network of the cryptocurrency GMSTAR issued.

The face value is 500 won in Korean won.

The principle of issuance is that the issuance amount is 50 to 70% based on the total held assets

(guaranteed collateral for issuance evidence). Remaining parts are paid in exchange for block creation.

The floating amount of the issue is to control the appreciation due to temporary demand for the exchange listing. That is, in some cases, the margin until the holding asset is expanded to the part where there is no reason to issue it early.

The principle is that the scheduled total size of the issue should be implemented in time for the formation of guaranteed collateral assets. However, we will proceed according to the overall exchange rate trend and the rate of increase in the volume of transactions.

We would like to adhere to the principle of increasing the issuance of GMSTAR when future publications of GMSTAR will be prioritized by policy reflection due to the continued influx of user groups, and a definite increase in demand, such as planned expansion of East Asian networks and increasing subchains.

Of course, even in this case, the issue in hash due to block generation continues.

In principle, it adopts the POW method, but introduces a tool that can be operated variably by its own analytical framework.

Based on BIG Data, it analyzes and applies through its own algorithms.

The expansion of Light NODE is the future of GMSTAR and everything.

Light Node (any network that mounts an authorization module or performs proof of work) with the Simplified Payment verification (SPV) protocol to download the blockheader of the transaction and validate the proof of work from that blockheader. And download only the "branches" of the related transactions.

This ensures strong safety and determines the status of random transactions and balances, even though only a very small percentage of the entire blockchain is downloaded.

The cost of creating blocks in GMSTAR

The blocks in the GMSTAR are:

In principle, it is generated every two seconds. That is, 43,200 blocks are generated per day. However, the technological method of constructing the Tier can cause delays in the creation of blocks that are tied together through the BIG DATA analysis tool.

This is to make the cost of creating blocks fair and smooth, and is due to the way in which Hash wants to reduce the load weight, but statistically, the time of creating blocks does not vary much.

That is, because the classifying of the tiers is divided into four levels, the block creation time for the four tiers is quadrupled to eight seconds, but the blocks are the same because they eventually create four. That is, in some cases, four blocks are created in eight seconds.

GMSTAR has a policy that pays 25Coins in exchange for block creation. (based on 4 Tier)
500 won will be paid based on the issue price (20 won).

To help you understand, if you convert it based on the number of issues based on KRW,
 $43,200 \times 500 \times 365 = 7,884$ million KRW.

The payment of coins for the generation of blocks per year is
 $43,200 \times 25 \times 000 = 1000000,000$.

Part of the issuing coin will be pre-allocated for currency dissemination on exchanges or exclusive partners. It does not add any sales revenue.

The corresponding NODE is also distributed for pure transactions. However, what is decided by the cryptocurrency exchange is irrelevant to our efforts.

Any price premium is excluded for the payment coins resulting from the above block creation. (Price and premium are different concepts in the market.) It is based on a strong commitment to maintain the value of the issuing coin. However, when it comes to the payment of coins due to the creation of blocks,

1. The increase in the number of exchanges handled,
2. As the trust network increases, the number of coins paid for block creation can be increased or decreased, taking into account the increasing NODE in the region.

GMSTAR does not have a fixed total number of issues by default.

This is because GMSTAR is linked to securing guarantee guarantees based on issuance. Of course, we will have as many non-current and fixed or financial assets as possible or increase the number of issues as collateral.

However, even if we can prove this secured asset, we will not issue additional GMSTAR if it is expected to fall in value.

Establishing a trust network for user convenience will be the ultimate goal of the first issue.

Create Blocks in GMSTAR

Policies and technologies to compensate for the aforementioned problems in the way blocks are created.

1. How to divide the work certificate group into classes through data analysis and link it with POW.

2. We will utilize all the POS methods.

Of course, even if Hash is fully operational in the way of 1, POS is applied. The meaning of this is

as mentioned earlier.

Segwit and Hard fork and Soft fork are not required for Scalability. Therefore, we will not introduce other measures. However, Segwit can be considered only when real transactions are attempted very frequently and GMSTAR's algorithm does not accept this.

However, in the event of this situation, we will prioritize the transition to POS.

GMSTAR's proof-of-work network based on the REC20 Protocol is:

1. Core Node (Cold Wallet/ Hub)
2. Exchanger Node (Global/ Miner)
3. Special Domestics Node (Miner)
4. Light Node (user or small business owner with authorization module/miner)
5. User (Trust Network Subscriber/Miner)

It consists of and so on.

Important notices and exemptions

Important points

Due to frequent changes in relevant policies, laws and regulations, technology, economics and other factors, the information provided in this white paper may be inaccurate, unreliable, or inconclusive, and subject to multiple changes.

This material is for reference only.

GMSTAR is not responsible for the accuracy and justification of the information provided. Those who wish to use it should not rely solely on the information in this white paper. We encourage users to do their own research before using it.

Essentially, this document is a business proposal or a business promotion document, and in no case is legally binding. What is stated in this document is for reference only, and the user must pay additional attention to himself.

Legal implications of GMSTAR

GMSTAR is a digital coin that is generated by a blockchain as part of a distributed software is a blockchain coin.

It is a cryptocurrency that accepts the ERC20 standard contract and is designed to support the use of services such as payment and remittance, and aims for nominal currency because it is based on guaranteed assets based on issuance. However, obtaining legal status must involve realistic interests.

What GMSTAR is aiming for is...

The addition of a premium on the currency itself based on the market is unavoidable, but GMSTAR expresses an absolutely stable asset. Therefore, it does not affect exchange rate manipulation or exchange rate prices, other than functional aspects that help coin functions, such as issuance, security facilities, or formation of core NODE.

There are several ways to participate in GMSTAR's trust network. Later, you can receive information through the customer center and homepage.

Anti-Washing of Funds Act (AML)

Users of GMSTAR must agree not to participate in any form of money laundering, illegal currency transactions and other restricted activities through GMSTAR. Each buyer shall be aware that GMSTAR and other related derivatives cannot be sold, exchanged or disposed of directly or indirectly for money laundering purposes.

Data and User Information Protection

Individuals and organizations seeking to participate in GMSTAR's NODE will require participants' information, including proof of work in trust networks and transactions.

The information includes contacts such as user name, address, email, mobile phone number, phone number, fax number, and how to identify them to prevent loss and misuse.

In principle, information is collected through the homepage, but it is collected through faxes, text messages, SNS (SM), etc. as a document with a certain format.

As determined by the State and the relevant institution,

Information entered directly or indirectly is protected and may be protected under the Terms of Use.

About the content of this white paper, the way it is expressed,

GMSTAR is not a securities in any country. This white paper is not a business guide and does not provide any related documents.

Nothing in this white paper advises or appeals to acquire GMSTAR. It is also not relevant as a basis for contract or investment decisions.

This white paper is based on future statements and is therefore predictable, and is highly variable depending on internal and external business conditions and economic conditions, so it is important to understand that there is no responsibility for representation, guarantee, commitment or consent.

one's discharge from an obligation

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