

THE PROJECT OF FILENET SUPER NODE

The Project of Filenet Super Note

Previously, Filenet lived in a period that could be called the equity flow era. In the era of Filenet's equity transfer, we completed the blockchain transfer function and smoothly allowed the equity of the shares to flow in the hands of Filenet supporters. At the same time, Filenet completed the reward function, absorbed some of the devices to provide storage and retrieval services, and can use the node resources provided by the technical community as a super node to provide block packaging services for users. Meanwhile, the development of the project's SDK and DApp is also going smoothly.

The biggest difficulty in the era of Filenet's equity transfer is that the computing power of the network is unstable. Some nodes may choose to temporarily join the network to provide services, and sometimes choose to terminate the service at any time. When this happens, the product experience will be poor, and the development of the SDK and DApp will be blocked. When a piece of data is backed up at the same time, the data can be recovered; when the number of backups is small, the exit or damage of some nodes will result in data loss, which is unacceptable in the Filenet storage service. Balancing data storage efficiency and security is a difficult task, and we have to store a piece of data at a very high cost. Even so, there are still a few miners who have exited and caused data loss.

Therefore, in the new consensus mechanism, we will emphasize the stability of the node

and encourage some super nodes to provide stable and reliable storage services. For unstable and dishonest nodes, we will reduce their creditworthiness and even identify them as invalid nodes, besides, data loss will be punished accordingly.

And when the old era of equity transfer gradually completed the historical mission, we will also usher in the era of Filenet's super node. It is expected that on June 1 this year, we will hard fork the Filenet, and the new consensus mechanism will support the super node. This hard fork scheme is now supported by most geeks in the technology community.

The original super nodes of Filenet's are relatively fragile because in the era of equity transfer, people did not focus on the issuance and circulation of rights (it is difficult to vote when the rights are not adequately distributed). In addition, the super node lacks rewards, which makes many miners reluctant to use their own nodes to provide super node services. Therefore, under the new consensus mechanism, we will give the super node a certain reward to encourage the super node to provide reliable services for users.

In the meantime, Filenet's focus will be adjusted to ensure the fairness of rewards - super nodes that provide quality and efficient services receive high rewards, and super nodes that provide general services receive low rewards. The amount of reward no longer depends on the equity of the stock, but the quality of the service. The more the super node pays, the more reward it will receive.

There is another problem in the era of Filenet's equity flow: the performance of the nodes is different, resulting in a wide variety of services. In this way, when the super nodes are jointly mined, it will lead to uneven distribution of income. This difference can't be expressed simply by some parameters. We have done a lot of efforts on this issue, and we have made a lot of improvements in the aspect of "fairness", but this is not enough. Filenet still has some pay and return is not proportional relationship.

Many miners who support super nodes hope that we can set a standard that will make everyone's nodes the same and the same benefits. But this is an impossible task. We are more advocating the freedom to choose nodes. We will guarantee fairness through certain algorithms. For a miner joining the same supernode, it is acceptable to choose the same or close node. In addition, in the era of super nodes, the bulk transfer we support is more convenient. This makes it easier to deploy and implement nodes that support more supernodes and other bulk transfer requirements.

Introduction to SuperNode Participation

The campaign for the Filenet SuperNode will go through three phases, the pre-selection phase, the testing phase and the contract service phase. The pre-selection phase will determine whether the node is eligible to join the super-node campaign. After determining the eligibility of all enrolled nodes, we will announce the list of nodes entering the test phase. In principle, the test phase is 30 days. In the test phase and the service contract phase, the margin for



the Fn wallet address is required to be no less than the margin amount (non-mandatory lockout) when the test node list is published. And the number of nodes corresponding to the Fn wallet address is required to be no less than the number of nodes required to publish the test list. **A node that has passed the testing phase and passed the test can become a qualified super node and will officially enter the super node service contract period (the contract period is 6/12 months).**

Super Node Recruitment Total

Due to the huge demand for super nodes, Filenet super node recruitment will be set up in three phases, each batch is divided into three batches. The recruitment of not less than 76 large super nodes and more than 140 small and medium-sized nodes (Filenet super nodes will all be generated from pre-selected nodes) will be completed in steps to meet the real-time distributed storage requirements of the whole network.

Rules for Super Node Pre-selection

The above is introduced (see Figure 1), the first-stage super-node pre-selection will be divided into three batches. If the unsuccessful election becomes the pre-selected node of the batch, it will be automatically adjusted to participate in the next batch of pre-selected nodes (subject to the announcement). The rewards and credits obtained by different batches and different types of nodes in

the campaign are different. In principle, the increase in the amount of credit and credit is reduced.

Process of Super node campaign

Submit a pre-selection application (the corresponding wallet is transferred to

0.1Fn and the application form is sent to the official via email)



Qualification audit passed and confirmed

(the official mail or announcement shall prevail)



Test phase (in principle, the test period is 30 days)



Enter the service contract stage and issue rewards and increase credits on a
monthly basis

(The rewards and credit enhancements for different types of different batches are
different)

Detailed Rules

The first batch of super nodes

The first batch of super nodes in the first phase will provide the maximum amount of rewards and increase the highest credit level of the nodes, and the increase of the bonus amount and credit rating of each batch will be reduced.

In order to ensure the optimization of node quality, in addition to requiring the participating nodes to actively support the Filenet ecosystem, each batch of



pre-selected nodes will be selected based on the comprehensive factors such as the order of registration of the participating nodes, the amount of money held, and the strength of the nodes. Starting with the first batch of the second phase, standards may be set for the node hardware.

The first batch of the first issue			
Preselected node type	margin	Node	reward
Three large supernodes	$\geq 200000Fn$	≥ 500	200000Fn for 3m
Five small supernodes	$\geq 50000Fn$	≥ 150	500000Fn for 3m
The second batch of the first issue			
Preselected node type	margin	Node	reward
Four large supernodes	$\geq 200000Fn$	≥ 500	200000Fn for 6m
Seven small supernodes	$\geq 50000Fn$	≥ 150	500000Fn for 6m
The Third batch of the first issue			
Preselected node type	margin	Node	reward
Three large supernodes	$\geq 200000Fn$	≥ 500	150000Fn for 6m
Five small supernodes	$\geq 50000Fn$	≥ 150	300000Fn for 6m

The first batch, the second batch and the third batch of super node locks and contract rules

Non-mandatory lock position: The Third batch of campaign nodes in the first period, the test period (May 29th - June 28th) requires the Fn wallet address guarantee to be no less than the amount of margin required when the test list is published.

Super Node Service Contract: During the effective period of the selected A or B service contract (6 months / 12 months), it is required to ensure that the amount



of margin in the Fn Wallet address is not lower than the margin amount when the test list is published.

The Third Batch of Super Node Exit Mechanism

1. You can opt out at any time before the end of the test period.
2. Before the completion of the award of the reward contract in the service contract period, the margin or the number of nodes in the Fn wallet address of the node is deemed to be automatically withdrawn when the number of deposits or nodes in the Fn wallet address is lower than the published test list: the non-reward token is not issued.
3. After the completion of the reward period of the service contract period, the margin or the number of nodes in the Fn wallet address of the node is deemed to be automatically quit when the number of deposits or nodes in the Fn wallet address is lower than the published test list: the credit of the service address is cleared.

The Third batch of super nodes (pre-selected) in the first phase entered the test period list:

Third batch of supernodes (pre-selected) audit list						
Type	margin	Minimum margin required	May 28 (UTC+0) amount of foregoing blocks	Before May 28 (UTC-0) Average coin production (pieces)/day/node	number of nodes	Fn wallet address
Large	421025	420000	1195	0.99	1500	5vtoTruxBBaWB9p3tf1T7jydryqbPaEBcjfgP2uwMXuMGCmMiVBmX3
Large	241172	740000	149	0.23	2000	62fDw4y2Ag8Yk82aSLGYmdQJJEkQuCPR4RWgrPou33wJsf63NTRyX5
Large	257771	250000	500	0.92	800	5vkvfTjhgWmog4t9kC8PKGWiadmZDcKpgVvk2K1WKJ2LnVnhvWoEZLc
Medium	54275	54000	251	1.26	150	62iNvRTZ8sQLAgY3phzoSbyaFQpH3zrxETZhmMtou9KzfeRBHxHrcVP
Medium	52377	52000	207	1.12	220	3YcH6zQoUh6tLLwyz7HrhUZVbf2rLZiU6otKGSNi9V8NTVBmZdfpNzU
Medium	60887	60000	30	0.39	640	3qtdxiSxwvnxZdVXYffRmj4GJqtx5Y5ngfFZBsUKo9ALKaskDGhYrZ6
Medium	308359	300000	335	0.23	270	3qrYxQfH1nEKeUiDavELuDUe4q8a6FoqoXf2636VY5KAMkmM4UdscWt
Medium	384161	380000	522	3.43	380	5wSvcsy2RLDNH38oZxKJjPXeytLuoRwVjRKWZodwhUnE7VgbBCocd2

Note: (1) the above nodes will enter the supernode test stage on May 29, 2019, and end the test stage on June 28; (2) after passing the test, the nodes will choose A or B service contract on June 29 to join the service contract period, and get A reward (3) contract A and B will take effect within three working days after the choice and improve the corresponding credit; (4) please contact contact@filenet.io in time if you have questions above



The first three batches of super nodes have been pre-selected, so there is no list left in this period.

If you have any doubts, please contact Filenet Super Node official email:

contact@filenet.io