

Blockchain Platform for Next-Generation Public Release of “mijin Catapult (v.2)” Production ver.

- Begin offering the Enterprise Licenses -

TOKYO – June 12, 2019 – Today Tech Bureau Holdings, Corp., a fintech and cryptocurrency solutions company, announced that the company has released the latest next-generation core engine “mijin Catapult (v.2)”, a production version of the versatile private blockchain product “*mijin*” that is available since September 2015, and has begun offering license for enterprise.



Since its release on open source for developers in May 2018, mijin Catapult (v.2) has been under ongoing development and testing for around one year. Compared to the original *mijin (v.1)*, the product has been upgraded in all aspects of functionality, performance and specifications. Also, achieving major advances in addressing both issues of processing speed and scalability, such as enabling token exchanges between different blockchains and batch processing of multiple transactions etc.

Through offering for the production version, the company will not limit the effort to boost the introduction of practical services for blockchain in the enterprise, but it will also further strengthen collaboration with NEM public blockchain in anticipation of a future created by blockchain as a social infrastructure supporting the world.

Product Comparison Table

	mijin (v.1)	mijin Catapult (v.2)
Programming Language	Java	C++
Namespace ^{*1} Period of Use	1 year (manual renewal)	Optional setting
Mosaic ^{*2} Period of Use	1 year (manual renewal) ※Namespace acquisition required	Optional setting (permanent setting also applicable) ※Namespace acquisition optional
Main Features	Multi-asset Multi-signature	Multi-asset Multi-level, multi-signature ^{*3} Aggregate transactions ^{*4} Cross-chain transactions ^{*5}

Required System Environment	CPU : 2 cores or more Memory : 4GB or more HD : 20GB or more	Peer/API/Cache Nodes CPU : 2 cores or more Memory : 4GB or more HD : 20GB or more
Recommended System Environment	CPU : 4 cores or more Memory : 8GB or more HD : 250GB or more	Peer/API/Cache Nodes CPU : 4 cores or more Memory : 8GB or more HD : 250GB or more
System environment examples	4GB RAM 2 cores 25tx/sec 8GB RAM 4 cores 500tx/sec	Peer/API 4GB RAM, 2 cores Cache 8GB RAM, 4 cores ~750tx/sec Peer/API 16GB RAM, 4 cores Cache 32GB RAM, 8 cores ~4Ktx/sec
Formats offered	On-premises type Cloud-based (Azure) BaaS (Azure)	On-premises type Cloud-based (Azure, AWS) BaaS (planned)
Service fee	1 node: JPY50,000/month	1 node: JPY30,000/month

*1 : A rental space like a web domain to function unique tokens on mijin blockchain

*2 : A generic name for the tokens which are issued on mijin blockchain (function to generate unique tokens)

*3 : Setting up to maximum of three levels of multi-signature is enabled in order to execute contract due to the mutual agreement between designated people

*4 : A function to facilitate batch processing of multiple transactions

*5 : A function that enables to exchange tokens between different blockchains without passing through a third party

Along with the release of this production version, the company will also hold a free a seminar as a campaign of prototype application development for proof-of-concept as well as conducting seminars on location.

Campaign Summary

Privilege: 1) Prototype application development, and 2) Conducting seminars on location

Fee: Free for both 1) and 2)

Application Period : from June 12, 2019 (Wed) to July 31, 2019 (Wed)

Applicants: Any corporates around Japan who are considering or interested in running a business implementing mijin Catapult (v.2)

Number of Elected Companies: Three (3) companies each for 1) and 2).

*Elected companies will be determined by lottery in the event of a large number of applicants.

Announcement of the Result of Election: The contact person of the elected company will receive a direct notice by August 15, 2019. (This notification will be the only announcement)

Application Method: Please apply from the URL below.

*You can apply for both 1) and 2) at the same time. Each company can apply only once.

<https://campaign.mijin.io/mijin01/>

About *mijin*

“*mijin*” is a software supports to create private blockchain environments that can be used inside and/or outside of corporates on the cloud and/or in an in-house data center. It can dramatically reduce costs by replacing conventional databases or accounting systems while contributing to higher security in which prevents from falsification. Additionally, it can be used to implement an environment with practically zero downtime. “*mijin*” is a general-purpose private blockchain product which uses the “NEM protocol” that is developed together with a “NEM” core developer. As a joint development, not only limiting to financial institutions, but it can be also implemented for electronic money, verification system, registration system, and logistics tracking.

About Tech Bureau Holdings, Group

Tech Bureau Holdings, Corp., fintech and cryptocurrency group companies in Japan, the U.S., and Europe, develop software and services for cryptocurrency technology and blockchain technology, a so-called "Crypto-Fintech Lab". As a team and as a group, we have developed *mijin*, a private blockchain software. Tech Bureau Holdings, Corp. recently launched a one-stop solution, COMSA, which provides companies with consultation, expertise, and solutions to support their very own ICOs and implementations of blockchain technology into their businesses.

For more information, please see the following URLs:

mijin — <https://mijin.io/en/>

COMSA — <https://comsa.io/en/>

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About NEM.io Foundation Ltd

ABOUT THE NEM Foundation Ltd NEM.io Foundation is registered in Singapore, operating globally. It was launched to promote NEM’s blockchain technology worldwide. It is one of the most well-funded and successful blockchain technology projects in the cryptocurrency industry.

For more information, please visit: www.nem.io

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