

The Broxus Times

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EVER \$0.0316

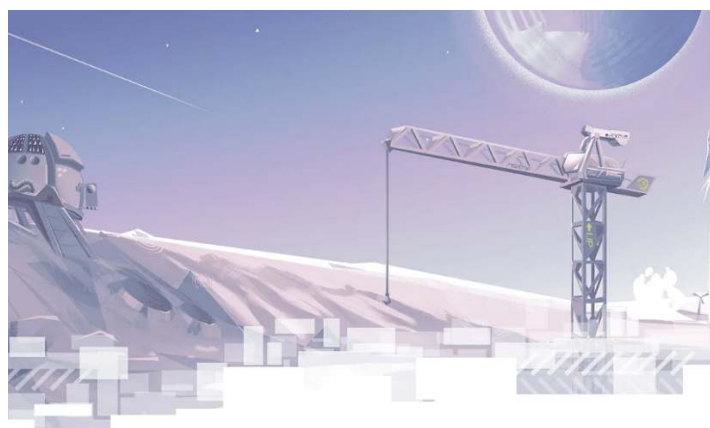
BRIDGE \$0.3673

QUBE \$0.2182

BTC \$26,878

Developer Tools

Locklift Undergoes Massive Upgrade



One of the biggest technical upgrades in the last months was made for Locklift, the Node JS framework for working with smart contracts on TVM-compatible blockchains like Everscale and Venom. The update greatly improved performance and made testing operations more convenient.

Another advancement developers introduced is the new lightweight Proxy transport, which does not require API calls to the local node anymore and makes it possible to execute smart contracts right in Locklift. Read more about the update [on the Broxus blog](#) and don't forget to visit the [website dedicated to Locklift](#).

T-Sol Plugin 1.4 Released

Version 1.4 of the handy T-Sol plugin for writing TVM-based smart contracts is ready to [download](#) on the JetBrains website.

What's new:

- Inline refactoring and alias import support was added.
- A contract diagram can now be shown.
- Unused elements and unimplemented members inspection were added.
- Autocomplete was enhanced with SPDX License suggestions.
- Several bugs were fixed.

Apps

EVM-to-EVM Transfers Back on Octus Bridge

Octus Bridge is becoming more accessible and is fully launching into the EVM universe by enabling transfers between any supported EVM-compatible networks. In addition to that, with the new one-way gas feature, every time a user makes an EVM-to-EVM transfer, they only have to pay gas in the native cryptocurrency of the network that they are sending from. Thanks to this feature, users no longer need to use an EVER Wallet to make these transfers.

This was part of a larger update of Octus Bridge that included the reintroduction of liquidity requests on the platform, including for EVM-to-EVM transfers; the addition of WEVER as a viable option for EVM transfers and the return of the Fantom network to the bridge.

Korean Metaverse to Launch on Everscale

The Everscale ecosystem will soon be supplemented with [Nümi](#), an anime-like metaverse that allows creators and gamers to turn their ideas into digital reality. Besides its unique design, the platform provides universal accessibility: you can enter it via desktop app, VR, web, and mobile device. Inside the metaverse users can exchange their gaming assets in the form of NFTs and receive rewards for their progress and achievements.

South Korea will be the project's first launch place: the entire platform has been adapted to Korean, and Korean speakers will be able to access the metaverse via EVER Wallet. We recommend you check out the [BeInCrypto article](#) for details about the launch and comments from Everscale Korea representative Moon Young Lee.

Klaytn Added to Octus Bridge

To meet the growing demand for Everscale products in South Korea, Octus Bridge added support for [Klaytn](#), a popular Korean-born blockchain platform developed by the leading software company Kakao. It means crypto assets can now be transferred from Klaytn to EVM-compatible networks or Everscale, and vice versa.

Don't forget about the features that make Octus Bridge convenient:

- One-way gas: pay gas only in the currency of the network you're sending from.
- Universal Bridge: transfer any custom token created on supported networks, even your own.

FlatQube is Full DAO Now

For quite a while, FlatQube has been implementing a community-driven governance model through a decentralized autonomous organization (DAO). It started with the option of using QUBE governance tokens for boosting the yield farming speed. Recently, FlatQube DAO's responsibilities have been widened: now QUBE holders can [introduce new proposals and vote for them](#).

Proposals are divided into three categories:

- New candidate. Decide on adding a new liquidity pool for voting in Epochs.
- Remove candidate. Vote on whether to remove a pool from voting in Epochs.
- Custom action. Influence key economic parameters, as well as the design and future of FlatQube.

Also, FlatQube DAO got a new pool listing mechanism for Epochs.

Don't forget that to start participating in DAO, you need to [lock QUBE tokens and get veQUBE in return](#), which give you a voting power equal to the number of tokens.

To create a proposal, you will need to hold no less than 10,000 veQUBE tokens. To pass, a total voting power for a proposal must be at least 50,000, with the simple majority of votes given for the positive outcome.

New Gaming Platform on Everscale

An Everscale-based platform EVERPLAY, which lets gamers and streamers earn cryptocurrency and NFTs by gaming, established a strategic partnership with another web3 gaming platform GemHUB. The two teams agreed to create the GemPION web3 platform for competitions, which will run on Everscale. Players on that platform will be able to compete with GemHUB players.

GemPION is available in the open-beta version. You can play games like Jelly Snake, PushPush Cat, Find Bird and Number Shoot, while also participate in leaderboard-based competitions, special missions and other activities.

Tips

Gravix vs. FlatQube

Many community members have asked how Gravix would fit into the Everscale ecosystem when there is already a decentralized exchange in place in FlatQube. Well, here are some major differences between these two products:

	FlatQube	Gravix
Trading type	Spot trading with liquidity pools	Long & short trading with up to 200x leverage
Assets	Everscale-based TIP-3 tokens only	Various asset classes: Forex, stocks, cryptocurrencies
Price formation	Directly through the DEX's liquidity pools	Prices delivered by oracles from off-chain sources

However, both Gravix and FlatQube share at least one similarity: each is a decentralized trading platform, built on-chain and with smart contracts.

Web Browser in EVER Wallet

EVER Wallet's mobile application has a function most other crypto wallets do not: a built-in browser. With it, you can easily access other DApps on the Everscale blockchain straight from your wallet.

Just hit the browser icon at the bottom of the app, and right from the homepage you can follow links to Octus Bridge, FlatQube, EVER Scan and other services on Everscale (see "Popular Resources"). Then, you can choose exactly which account you want to connect to. Plus, you can surf the web, save bookmarks and view your history just like in any other browser.

Make Your Website Cross-chain

This tip should definitely attract the attention of those who build web3 platforms and want to utilize the power of cross-chain transfers and support multiple token standards at once but don't have enough resources to employ such a functionality by themselves. There is a perfect solution: Octus Bridge, which can be integrated to any website. The implementation process is easy and does not take long. Start with reading the [documentation on Octus Bridge integration](#).

Easily Avoid Scam Tokens on FlatQube

It is not news that due to its decentralized nature, DEXes tend to attract a certain amount of scam artists. One common type of scam is issuing a token that mimics a popular cryptocurrency. This token gets listed on a DEX and trading begins. The trick is that the token's smart contract gives its creators exceptional rights, e.g. access to holders' addresses, which they use to steal funds.

To fight this, FlatQube has developed a special whitelist of tokens that are traded on the platform. Before getting to the list, every asset is checked by the team. And any token outside of the list is marked with a special warning sign clearly visible in the DEX's interface. Of course, the warning alone does not mean that the token is a scam. But it encourages users to DYOR, which is a golden rule in our industry.

Dev Digest

- Limit orders bug fixed on FlatQube.
- APIs currently being finalized for Octus Bridge.
- Locklift rewriting in progress for FlatQube.
- Audit underway on Octus Bridge.
- tsol-docgen can now generate clean HTML.
- Abstract DAO contracts updated on FlatQube.
- Ever Scan integrated with KeyCloak.

Non-Dev Digest

- Documentation for Nekoton Python released.
- Execution of Proposal 109 in Ever DAO.
- Revamped Everscale node documentation process.
- Updated Octus Bridge integration guide.
- Gravix screens updated.
- TIP-3 documentation finished.

Community

Everscale Korea Telegram Chat Gets Blue Check Mark

Everscale has been actively working on expanding its presence in Korea, forging partnerships with key web3 and tech projects over the past year. The efforts have been fruitful, with Everscale emerging as one of the most popular networks in the country. Significantly, the [Everscale Korea Telegram Chat](#) has received a blue check mark, which not only constitutes a recognition of the network's growing status in the country but will also help prevent any kind of scamming activity directed at Korean users.

Personal NFTs for Being Active

Members of Everscale community that contribute to the discussion and overall visibility of our ecosystem have gained the chance to record their achievements on-chain forever. Conditions are easy: help projects and products that run on Everscale. Your assistance may vary: from finding bugs to simply communicating or using products. To learn details of the program and find out if you are eligible for an NFT, contact the [community manager](#).

A few more details: gifted NFTs will be soulbound, meaning they will be non-transferrable and permanently linked to your account. The whole collection will end up on Tokstock. And, most importantly, there are enough NFTs for everyone. So let's help Everscale grow together.

Deep Tech

TIP-3 Token Standard Dive-in

In the [latest Deep Tech article](#), our technical experts brought the TIP-3 standard, used for issuing fungible tokens on Everscale, into focus. The authors compared TIP-3 with the well-known EIP-20 standard used in Ethereum to demonstrate the advanced flexibility of Everscale's proprietary standard and what that means for the tokens that employ that standard. We highly recommend this article to anyone looking for more in-depth analysis of how fungible tokens work on Everscale.

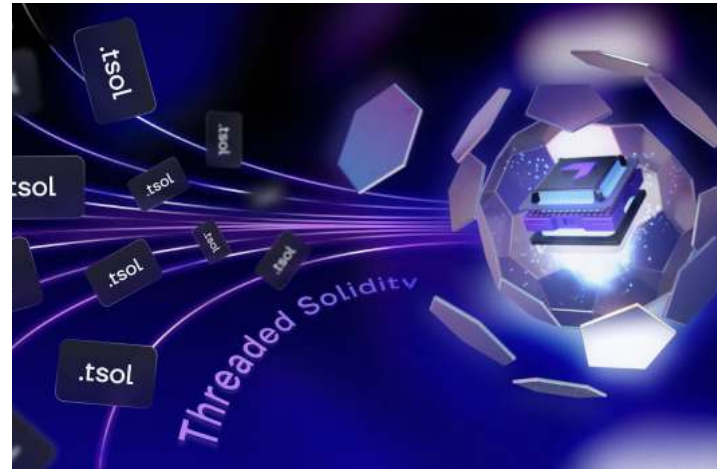
Can Everscale Become a Platform for CBDC?

Issuance of CBDCs is probably one of the hardest technical tasks right now as governments together with the IT industry are eagerly seeking solutions. The ideal CBDC platform should be able to process an unprecedented number of transactions from numerous CBDC users but at the same be highly persistent and safe, and capable of complying with all relevant laws and regulations. Of course, blockchain technology comes to mind. But after several years of trials, various blockchain platforms still fail to check all the boxes for a national digital currency. Our colleagues tried to find out if [Everscale can serve as a CBDC host](#) by examining its technical stack.

TVM and Asynchrony

The asynchronous nature of Everscale makes it a real scalable blockchain. And it is the Threaded Virtual Machine that makes Everscale asynchronous. In the [new article about TVM](#), we describe why asynchrony matters so much in modern blockchain technology and blockchain programming, and how Everscale compares to Ethereum (which is a synchronous network) in this context. Additionally, we also describe the peculiarities of Everscale ecosystem development.

Creating Smart Contracts on Threaded Solidity



Want to write contracts for Threaded Virtual Machine (TVM) but don't know where to start? Our guide will walk you through the [entire process of creating contracts on Threaded Solidity \(T-Sol\)](#), from the very beginning to deployment. T-Sol is the modified version of Solidity used for smart contracts on Ethereum. What makes Threaded Solidity special is the ability to create asynchronous smart contracts. Yes, TVM networks like Venom and Everscale are asynchronous by design, and this is what gives them their unprecedented scalability.

You will also learn about:

- Developer tools for TVM solutions.
- Particularities of T-Sol.
- Updating smart contract code.
- Methods for deploying smart contracts.
- TVM messaging functionality.

And much more.

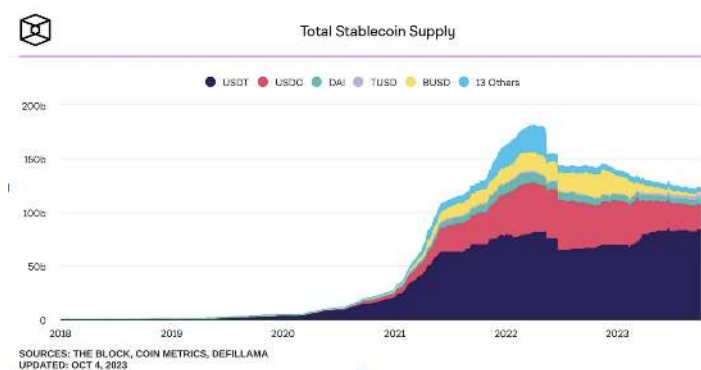
Data Privacy in Everscale and Ethereum

Both Everscale and Ethereum do not yet have a feature capable of providing complete data privacy. But work is underway: Ethereum developers plan to roll out stealth addresses, while Everscale views zk-SNARKs as the most viable solution. For a blockchain user, there is a "third way" of staying private: crypto mixers and anonymous cryptocurrencies like Monero. Read about these three ways and which one is best in our [Deep Tech article on blockchain data privacy](#).

Macroeconomics, CBDCs and the Crypto Market

Stablecoins Lose Market Over High Rates

In September, Fortune published an investigative article [about CEO of Circle Jeremy Allaire](#). The article also sheds light on how Circle and Tether, being the largest stablecoin providers, have suffered from the stiffened monetary policy. Essentially, the Fed rate increase rate led to “whales” abandoning stablecoins in favor of other instruments. This chart from The Block shows how the stablecoin market has deflated since 2022:



At the same time, journalists have concluded that Circle was more consistent in its fight, paying interest to USDC holders, the largest of which turned out to be Coinbase. Nevertheless, USDC started losing its market share to Tether and Binance (the issuer of BUSD) before Binance was banned by authorities from continuing this operation.

Grayscale Wins in Court

One of the more interesting news items of late has been Grayscale [winning its lawsuit](#) against the SEC over delays in the regulatory body’s approval of a bitcoin-based ETF. The Digital Currency Group (Grayscale’s owner) and Three Arrow Capital were betting on the ETF getting approved, but as the decision was punted, the two funds collapsed under the weight of their obligations.

A year ago, right before the collapse of FTX, Grayscale sued the SEC over the regulatory body’s rejection of its proposed ETF. As a result of Grayscale’s success, if the commission loses its appeal it may be forced to approve all 10 ETFs in the queue.

PayPal Issued PYUSD

Another financial giant has entered the crypto market. Together with Paxos, PayPal released a new ERC-20 stablecoin, PYUSD. The new asset is backed by USD deposits, treasuries and cash equivalents. A bit later, the company announced ambitions to issue a central bank digital currency (CBDC). PYUSD may be transferred to external wallets, sent to other users, used for purchases and converted to other cryptocurrencies.

According to some research done on its contract code, the new asset does not differ much from the company’s practices: tokens can be frozen and then “deleted” by the operator.

In September, PayPal’s stablecoin became available on Venmo to some users, with plans for a full release to come in the following weeks. It is possible to buy PYUSD in the Venmo app, and send it to others on PayPal, Venmo and compatible wallets.

Meanwhile, Crypto.com announced it will become a “preferred exchange” for PYUSD, making it the first cryptocurrency trading platform to support PayPal’s stablecoin.

Non-Fungible Times

The Broxus Times has its own NFT collection.
Don’t miss it!

