

# March 6 - 13

Hi everyone! I'm excited to continue improving these updates, aiming to facilitate coordination through intentional transparency. Let's work together and create the best possible Enigma. Sustainable open-source development requires active participation by community members. Keep reading to discover opportunities to contribute and learn how you may benefit.

**Highlight:** [Math Wallet Tutorial](#)

## Summary

Our current sprint began Tuesday, March 3, and it will end Sunday, March 15. Since [launching a testnet](#) with a built-in [smart contract module](#), our dev team has been focused on [compiling CosmWasm to SGX](#). However, it has been more challenging than expected.

CosmWasm uses [wasmer.io](#) which is a JIT compiler, but SGX doesn't support writing machine code to RWX memory and invoking it from there. We are shifting towards [adding wasmi](#) as a VM backend in CosmWasm. The wasm interpreter is enclave friendly, but CosmWasm is tightly integrated with Wasmer. Our team is beginning to explore how hard it would be to break that connection.

[\(Dev discussion/Issue\) WASM implementation](#) [Secret Network

](/c/secret-network/46)

Now that WASM is implemented in testnet (using CosmWasm), we're looking at integrating it into SGX, and it's more challenging than expected. The main concern is that CosmWasm uses Wasmer, which is a JIT compiler. This is great, but it doesn't seem to work inside of SGX currently (might change with SGX2), which means we have to revert back to an interpreter. We're looking at integrating WASMI, which is the interpreter we used in Discovery. WASMI is enclave friendly, but CosmWasm right now is tig...

Thanks to a [suggestion](#) from [@Simon](#) of the CosmWasm team, we turned on indexing for transactions. Currently waiting on a [patch](#) to add min-height and max-height filters to TxSearch. Right now it works for some kinds of indexed events.

[Testnet is live with Smart Contracts!](#) [Secret Network

](/c/secret-network/46)

It is turned on at least: `curl http://bootstrap.testnet.enigma.co/node_info | jq .node_info.other { "tx_index": "on", "rpc_address": "tcp://0.0.0.0:26657" }`

And works for some kind of indexed events: `curl "http://bootstrap.testnet.enigma.co/txs?tx.height=18250" { "total_count": "1", "count": "1", "page_number": "1", "page_total": "1", "limit": "30", "txs": [ { "height": "18250", "txhash": "981A19EA0DD4DA6E292E529ABAF883CC4B17DD727540A0064541989601109865",`

or c...

Our business team is developing relationships with leaders in the Cosmos ecosystem, while maintaining key partnerships. Now that we are focused on the Enigma blockchain, our goals include retaining our existing community of developers and expanding awareness.

We are deploying smart contracts on the [Enigma Testnet](#) to better understand the developer experience of CosmWasm. The plan is to create a public resource that compares writing contracts for the old Discovery testnet vs. the new Enigma blockchain. More specifically, on the product side, we are identifying how to adapt Salad, and we are diving into [access control use cases](#).

## Most Referred Topics

- [Enigma Community Update: March 6, 2020](#)
- [Testnet is live with Smart Contracts!](#)
- [Experimenting with SourceCred](#)
- [Major Points of Clarification for the Community](#)
- [Generate a SCRT address see what happens

](https://forum.scrt.network/t/-/1399)

# SourceCred Experiment

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](https://global.discourse-cdn.com/standard17/uploads/enigma1/original/1X/2167e06aa51de6e2a65a5e0f3185c5df9645d485.png)

On a weekly basis, I'm running the [CredRank algorithm](#) on graphs of Enigma's forum activity to calculate reputation scores. For now, we are using default weight configurations, but we may adjust parameters in the future. Let us know if these numbers feel accurate! The list below only includes contributors with more than 1 percent of total cred.

## Leaderboard

Contributor

Cred

% Total

[@guy](#)

800

11.4%

[@dbriggsie](#)

443

6.3%

[@ainsley](#)

328

4.7%

[@tor](#)

300

4.3%

[@MrGarbonzo](#)

232

3.3%

[@adi](#)

201

2.9%

[@can](#)

197

2.8%

[@laura](#)

189

2.7%

[@Quant](#)

160

2.3%

[@pmp](#)

159

2.3%

[@moonstash](#)

157

2.2%

[@victor](#)

156

2.2%

[@taariq](#)

129

1.8%

[@guix](#)

126

1.8%

[@Avret](#)

124

1.8%

[@jlwaugh](#)

112

1.6%

[@bmiller59](#)

91

1.3%

[@Eve](#)

90

1.3%

[@KanaGold](#)

87

1.2%

[@Niels](#)

84

1.2%

[@Cardiff](#)

77

1.1%

[@Brendan](#)

73

1.0%

## **Community Participation**

### **Enigma Governance Discussion**

Next meeting: 2020-03-20T18:00:00Z

All are welcome to highlight any contributions they are making, share ideas, or ask questions. We are happy to provide these updates on a weekly basis, and ideally, the resulting conversations lead to productive collaboration.

Please share any feedback on this thread!