# AIM<sup>1</sup>-003: Genesis Parameter Files

liayoo 2021-01-29

## **Problem Description**

- The parameters for the blockchain protocol, consensus protocol, etc. are all combined with other constants and enums in constants.is files.
- It is difficult to tweak all the parameters with command line options and environment variables.

### **Proposed Changes**

#### **AS-IS**

- common/constants.js
- consensus/constants.js

#### TO-BE

genesis\_testnet.json

<sup>&</sup>lt;sup>1</sup> Al Network Improvement Memo. Visit <a href="https://docs.ainetwork.ai">https://docs.ainetwork.ai</a> for the full list.

- genesis\_mainnet.json
- Use separate genesis files for different use cases, such as unit tests and integration tests (e.g. genesis\_utest.json, genesis\_itest.json)

### Links

- Cosmos genesis.json
- Cosmos genesis template
- Ethereum private network examples
- <a href="https://github.com/ethereum/EIPs/issues/1085">https://github.com/ethereum/EIPs/issues/1085</a>
- https://gist.github.com/0mkara/b953cc2585b18ee098cd

### **Document History**

Date	Who	Change	Notes
2021-01-29	liayoo	Initial draft	
2021-02-02	liayoo, platfowner, minsulee2, cshcomcom, shyun-comcom	Internal review	
2021-05-13	platfowner	Published	