

Week8-8.21

8.22 Epoch Number, Block Number Height Epoch Height

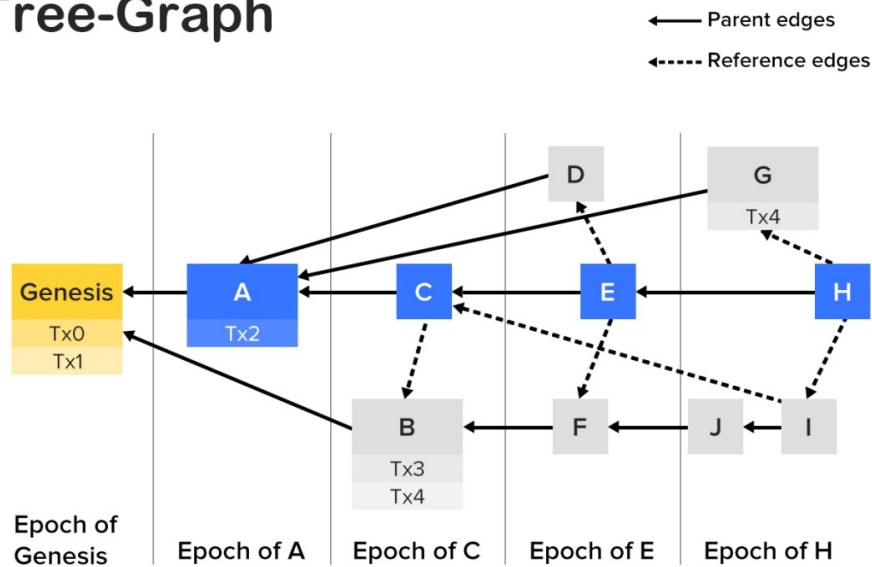
Conflux epoch number block number height epoch height

1. Epoch Number Con epoch epoch pivot epoch epoch number epoch number
2. Block Number epoch block number block number block numebr

epoch number	block number
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3. Height `height` `height` `epoch number` `t` C D G Height
4. Epoch Height `epoch height` `epoch number` EpochHeight

Tree-Graph



8.23

Conflux Collateral for storage

Conflux	64	1/16 CFX
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8.24

Conflux `setSponsorForCollateral(address contractAddr)` CFX CFX

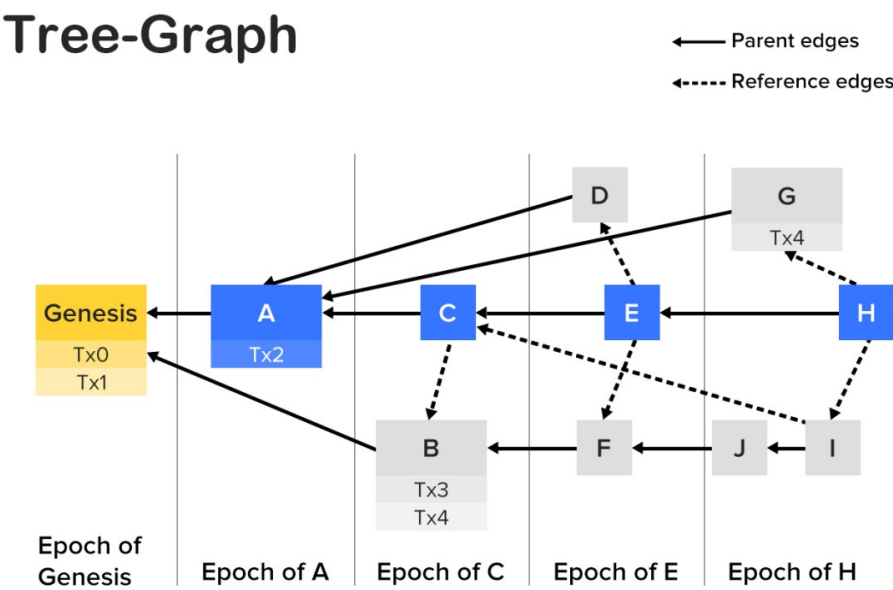
8.25 Staking CFX

Conflux [Staking](#) CFX CFX CFX

- 1. POS[POS](#)
- 2. [CIP-94 On-chain DAO Vote for Chain Parameters](#)

8.26 Pivot RPC

Pivot Conflux Conflux RPC Pivot



- 1. `cfx_getStatus` `cfx_getBestBlockHash` `cfx_getStatus` `bestHash` epoch Pivot
 `cfx_getBestBlockHash`

```
// getStatus
{
  "jsonrpc": "2.0",
  "result": {
    "bestHash": "0xe4bf02ad95ad5452c7676d3dfc2e57fde2a70806c2e68231c58c77cdda5b7c6c",
```

```

    "chainId": "0x1",
    "networkId": "0x1",
    "blockNumber": "0x1a80325",
    "epochNumber": "0xaf28ab",
    "latestCheckpoint": "0xada520",
    "latestConfirmed": "0xaf2885",
    "latestState": "0xaf28a7",
    "latestFinalized": "0x2a420c",
    "ethereumSpaceChainId": "0x22b9",
    "pendingTxNumber": "0x0"
  },
  "id": 1
}

```

2. `cfx_getBlocksByEpoch` RPC Epoch blockNumber Pivot .

```

// Result
{
  "jsonrpc": "2.0",
  "result": [
    "0x618e813ed93f1020bab13a1ab77e1550da6c89d9c69de837033512e91ac46bd0",
    "0x0f6ac81dcbc612e72e0019681bcec32254a34bd29a6bbab91e5e8dc37ecb64d5",
    "0xad3238c00456adfbf847d251b004c1e306fe637227bb1b9917d77bd5b207af68",
    "0x0f92c2e796be7b016d8b74c6c270fb1851e47fabaca3e464d407544286d6cd34",
    "0x5bcc2b8d2493797fcadf7b80228ef5b713eb9ff65f7cdd86562db629d0caf721",
    "0x7fcdc6ffff506b19a2bd72cd3430310915f19a59b046759bb790ba4eeb95e9956",
    "0xf4f33ed08e1c625f4dde608eeb92991d77fff26122bab28a6b3a2037511dcc83",
    "0xa3762adc7f066d5cb62c683c2655be3bc3405ff1397f77d2e1dbeff2d8522e00",
    "0xba7588476a5ec7e0ade00f060180cadb7430fd1be48940414baac48c0d39556d",
    "0xe4dc4541d07118b598b2ec67bbdaa219eb1d649471fe7b5667a0001d83b1e9b6",
    "0x93a15564544c57d6cb68dbdf60133b318a94439e1f0a9ccb331b0f5a0aaf8049" // pivot
  ],
  "id": 1
}

```

3. `cfx_getBlockByHashWithPivotAssumption` RPC `cfx_getBlockByHash` RPC
 1 blockHash 2 assumedPivotHash 3 epochNumber blockHash RPC

Revision #13

Created 22 August 2022 06:37:57 by Darwin

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