

# KARMACHAIN 2.0

## AN APP-OPTIMIZED DEDICATED BLOCKCHAIN WITH A NOVEL ECONOMIC MODEL

- The backbone of our giving network
- Optimized for appreciations, gifting, causes and communities
- On-chain data includes Karma Coin balances, karma points, appreciations, causes, and giving transactions
- A modern delegated proof of stake consensus protocol with robust governance capabilities and fast block finality
- Implemented using modern Rust programming language and the Substrate blockchain framework
- A novel tokenomics algorithm that rewards real-world usage, causes and users beyond just miners
- Full control over our whole tech stack, so we can innovate and evolve it to fit our needs without reliance on any 3rd party
- Ultra low gas fees
- 100% open source at <https://github.com/karma-coin/karmachain>
- Public stable testnet: <https://testnet.karmaco.in>

KARMACOIN

The screenshot shows a web browser window with the address bar displaying 'testnet.karmaco.in/#/explorer'. The page has a dark purple header with the Karmachain logo, network name 'Karmachain TN2', node identifier 'karmachain-node/100 #98,591', and navigation links for 'Accounts', 'Network', and 'Developers'. Below the header, a tabbed interface shows 'Explorer' as the active tab. The main content area displays blockchain statistics: 'last block 6.7 s', 'target 12 s', and 'total issuance 3.0019 BKCOIN'. A section titled 'recent blocks' lists the last six blocks with their indices, hashes, and associated addresses.

Block Index	Block Hash	Address
98,591	0xb9a650c79dbb8b3b8450a...	VERIFIER_1_STASH
98,590	0x7d0e28217d7fd804357608...	ACCOUNT_1_TN1 (E...
98,589	0x9f21cdb0b64870405ec9e7...	VERIFIER_1_STASH
98,588	0xcc36cfa32be01feecf71702f...	ACCOUNT_1_TN1 (E...
98,587	0xb1549648b60750eb88ac6...	ACCOUNT_1_TN1 (E...
98,586	0xe1c7f3f4ab505315bdd5211...	5C5GnAGo...

Polkadot/Substrate Portal

testnet.karmaco.in/#/staking

Karmachain TN2  
karmachain-node/100  
#98,592

Accounts

Network

Developer

Settings

Staking

Overview

Accounts

Payouts

Targets

Bags

Slashes

Validator stats

validators  
4 / 40

waiting  
0

active / nominators  
0 / 0

epoch  
1 hr  
49 mins 48 s  
17%

era  
6 hrs  
5 hrs 49 mins  
2%

Own validators

All validators

Active

Waiting

Next session

5 Produced blocks

Online message

Nominating

Oversubscribed

Slashed

Blocks nominations

1,220 Era points

filter by name, address or index

validators				other stake	commission	last #
★	>	VERIFIER_1_STASH (EXTENSION)	340	10.00%	98,591	▼
★	>	ACCOUNT_1_TN1 (EXTENSION)	260	0.00%	98,592	▼
★	>	5C5GnAGo...	220	10.00%	98,586	▼
★	>	5FjBgeJ25...		6.00%		▼

# KARMACHAIN VALIDATION