

# Mainnet launch guide

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## MAINNET-LAUNCH.md - launching your coin on mainnet

### What this means

Running `start-mainnet.sh` builds a new genesis block with mainnet parameters and starts your coin as a live, permanent blockchain.

This action cannot be undone. Once you mine the genesis block and other nodes connect, the chain exists independently. There is no kill-switch, no recall, no refund of coins. The blockchain is permanent by design.

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### Before you proceed - complete this checklist

#### Legal

- ☐ You have taken legal advice for your jurisdiction about operating a cryptocurrency network.
- ☐ You understand you are the issuer and operator of this chain. getcryptocoin is the developer of the software only - we have no ongoing involvement in, control over, or liability for your mainnet chain.
- ☐ You have read and accepted the OPERATOR-LICENCE.md in this package.
- ☐ You have an appropriate legal entity (company, foundation, or similar) through which you intend to operate.
- ☐ You have assessed the AML/KYC obligations that apply in your jurisdiction before opening the chain to third-party users.
- ☐ If you intend to sell or distribute your coin to the public, you have checked whether **financial promotion rules** apply (e.g. UK FSMA s21, US securities law, EU MiCA).

#### Technical

- ☐ You have a dedicated VPS or server for mainnet - NOT the testnet evaluation server.
- ☐ That server has at minimum 4 vCPU, 8 GB RAM, and 200 GB SSD (Script PoW is CPU/memory-hard).
- ☐ Docker and Docker Compose are installed on that server.
- ☐ You have set up UFW or equivalent - at minimum open P2P port and (optionally) the RPC port to trusted IPs only.
- ☐ You have configured a domain (e.g. nodes.yourcoin.com) to point at the server.
- ☐ You understand that the testnet coins and testnet history are discarded - mainnet starts at block 0 from a new genesis. Testnet wallet balances do not carry over.

#### Operational

- ☐ You have a plan to distribute your coin (mining pool, faucet, exchange listing - whichever applies) so others can participate.
  - ☐ You have a support channel (Discord, Telegram, email) ready for questions from miners and users.
  - ☐ You have read the INSTALL.md for the full testnet stack and confirmed everything works.
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## What changes between testnet and mainnet

| Parameter            | Testnet                                       | Mainnet                               |
|----------------------|-----------------------------------------------|---------------------------------------|
| Genesis message      | Must contain "testnet" or "no monetary value" | Your custom message (no restrictions) |
| Initial difficulty   | Very easy - `0x2000ffff` - instant mining     | Harder - `0x1e0fffff` recommended     |
| Allow-min-difficulty | `true` (can mine instantly)                   | `false` (must meet difficulty)        |
| Genesis hash         | Unique to your testnet build                  | New - mined fresh with mainnet params |
| Chain history        | Testnet blocks (discarded)                    | Starts at block 0                     |

## Running the launch

```
cd /opt/yourcoin # wherever you extracted the package
bash start-mainnet.sh
```

The script will:

1. Ask you to confirm you have read this checklist
2. Ask for your mainnet genesis message (e.g. "YourCoin - launch - 2026")
3. Ask for your preferred initial difficulty (recommend 0x1e0fffff - harder than testnet)
4. Update coin-params.env with mainnet parameters
5. Build the mainnet chain binary (this takes 5-15 minutes, Docker compiles from source)
6. Mine the mainnet genesis block
7. Start two nodes + Electrs on the mainnet stack
8. Print your genesis hash - save this, it identifies your chain forever

## After launch

1. Announce the genesis hash to anyone who wants to run a node - they need it to sync from scratch.
2. Distribute the node software (the chain/ folder from this package) so others can participate.
3. Open your P2P port (the port in coin-params.env) on your firewall so inbound connections work.
4. Watch the logs for the first few hours to confirm blocks are being produced:

```
docker compose logs -f node-a
```

5. Do not announce any price or investment opportunity for your coin unless you have legal backing. Coins on your chain are whatever you make them - that is your responsibility.

## If something goes wrong

If the genesis mine fails or the nodes do not start, the testnet stack is unchanged - nothing is lost. You can re-run start-mainnet.sh with corrected parameters as many times as needed before you announce the genesis hash to the public. Once external nodes have connected and synced even one

block

beyond genesis, resetting the chain (different genesis) means those external nodes fork off - keep that in mind.

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\*getcryptocoin is the developer of this software. We are not the issuer, operator, or promoter of your coin. All decisions about mainnet launch, legal compliance, and user communications are yours.\*