SlimeChain ? Testnet Runbook (Musk-mode)

Scope

Single-region testnet with 10 validators, 50?200 relay nodes. Musk-mode preset applied via governance after genesis.

Prerequisites

- rustc 1.78+, go 1.22+ (Cosmos SDK), docker (optional), make.
- Keys: 10 validator keys, 2 oracle feeder keys.
- Monitoring: Prometheus, Grafana, Loki/Tempo optional.

Build & Init (sample)

git clone <repo>; make build
socialchaind init tn-musk --chain-id slime-tn-001
socialchaind keys add val1 ... val10
socialchaind add-genesis-account ...
create-gentx, collect-gentxs, validate-genesis, start

Genesis Params (highlights)

- block_time 3?5s, min_gas_prices 0.001social
- initial stakes per validator, community pool 40%
- modules: x/social, x/relay, x/quality, x/telegram, x/payments, x/oracle, x/tiers

Oracle Stub

Deploy feeder to push USDC/SOCIAL and USD/SOCIAL rates (TWAP window 10m, outlier filter 3?). If oracle fails, GUI reverts to SOCIAL denomination; chain continues with last-good values.

Apply Musk-mode

Submit parameter bundle (see Param Proposal PDF). Voting 7d; for testnet, shorten to 24h discussion + 24h voting.

Load & KPIs

- Post TPS targets: 200?600; DM escrow rate 1?3/acc/day; spam rate <1%.
- Monitor: B_t trajectory, cost median, diversity index of relays, EF distribution.

Incident Runbooks

1) Oracle outage ? switch to backup or freeze prices; notify UI.
2) Spam wave ? temporarily raise C_min and k1/k2 via emergency proposal.
3) Validator downtime ? alert, auto-unbond if policy requires.
4) Relay collusion ? increase ? and lower diversity bonus threshold.

Upgrade & Rollbacks

Use SoftwareUpgradeProposal with 1h lead in testnet. Keep a rollback height snapshot.