



BLOCKCHAIN MAINNET READINESS CHECKLIST

What to verify before launch, during upgrades, and in ongoing operations



Based on real DevOps and blockchain infrastructure practices

🛡️ Before Mainnet Launch

What to check:

1. Confirm node count: enough independent operators across separate locations
2. Verify no single team controls the majority of validators
3. Run full testnet cycle — binary updates, contracts, config changes
4. Simulate edge-case scenarios and unexpected load in testnet
5. Set up server-level monitoring: CPU, memory, disk space
6. Set up validator health monitoring: consensus participation & rewards
7. Configure daily automated backups of blockchain state
8. Write and test the recovery procedure — before you need it
9. Define rollback plan for each release type

🔧 Protocol Upgrades

What to check:

1. Test upgrade on testnet — minimum one full cycle before mainnet
2. Verify smart contract logic separately from network upgrade
3. Prepare rollback binary and confirm it restores previous state
4. Send upgrade announcement to all validators with date and time
5. Agree maintenance window with client and confirm user notification
6. Run post-upgrade health check: blocks signing, rewards generating

📋 Ongoing Operations

What to check:

1. Review validator reward metrics — not just server uptime
2. Check disk space headroom on all nodes weekly
3. Verify backup integrity and test restore quarterly
4. Track active validator count — flag drops below threshold
5. Keep rollback procedure documented and accessible to the team



PLANNING YOUR MAINNET LAUNCH?

We help teams prepare blockchain infrastructure for production — from testnet validation to monitoring, upgrades, and ongoing support.



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