

v3.4-GOV-003 – DAO Integration & Governance Token Mechanics

Document Title	DAO Integration & Governance Token Mechanics
Version	v3.4
Document ID	v3.4-GOV-003
Date	2025-03-22
Author	Take Back Your Data – Governance & Integrity Unit
Document Type	Public / Certification / Internal

1. Purpose & Scope

This document defines the DAO integration mechanisms and token logic for sovereign governance in MaxOneOpen forks. It ensures decentralized control, vote integrity, and accountable decision-making.

2. DAO Participation Logic

- Every certified fork may opt-in to DAO governance via verified token model
- Participation is scoped per namespace, policy domain and fork lineage
- Voting rights derive from stake, role token and cryptographic challenge
- Voting traces must be ZK-proofed, replayable and anchored

3. Governance Token Mechanics

Token Type	Function	Constraint
Stake Token	Proposal rights	Min quorum ratio
Role Token	Privileged vote class	Token-specific cap
Epoch Token	Time-bound access	Auto-expiry logic
Audit Token	Snapshot claim or challenge	ZK-validity check

4. Certification Hooks

- Forks must support ZK-traced voting and token lifecycle visibility
- Governance tokens must be schema-bound and revocation-capable
- DAO integration must expose policy paths and override logic

5. Certification Triggers

- Lack of token transparency or DAO override logic disqualifies fork
- Non-auditable or centralized DAO mechanisms are non-compliant

6. Certification Relevance

DAO-compatible forks increase governance transparency and resilience. Certified forks must prove that all policy votes, token allocations and overrides follow cryptographically traceable, decentralized protocols.