

B-GATE Report — S022

Plain-English Summary

This report evaluates the **adoption readiness** and **governance quality** of a blockchain deployment scenario. The output is a standardized score that helps compare different governance designs and identify risk areas.

Key Result

- **B-GATE Index:** 22.69/100
- **Rating:** RED (High governance/adoption risk)
- **Penalty points:** 20.0
- **Penalty reasons:** Missing dispute-resolution governance; Unclear decision rights

Score Breakdown

- **ARS (Adoption Readiness):** 43.06/100
- **GQS (Governance Quality):** 35.4/100
- **TSS (Trustworthiness & Sustainability):** 58.42/100

Scenario Description (Benchmark Input)

- Domain: `iot_device_integrity`
- Governance model: `consortium_bft`
- Stakeholders: 6
- Trust asymmetry: 3 / 5
- Data sensitivity: 3 / 5
- Dispute frequency: 5 per month
- Regulatory pressure: 1 / 5
- Adoption stage: `idea`

Governance Evidence Flags (Binary)

- Incident response present: 1
- Upgrade policy present: 1
- Dispute process present: 0
- Decision rights clarity: 0 (0 unclear, 2 clear)

Notes for Non-Technical Readers

- A high score means the scenario has **clear rules**, **accountability**, and **operational readiness**.
- Penalties occur when essential governance policies are missing (incident response, upgrades, dispute resolution).