

B-GATE Report — S032

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:** 29.39/100
- **Rating:** RED (High governance/adoption risk)
- **Penalty points:** 20.0
- **Penalty reasons:** Missing incident-response governance; Unclear decision rights

Score Breakdown

- **ARS (Adoption Readiness):** 44.72/100
- **GQS (Governance Quality):** 54.1/100
- **TSS (Trustworthiness & Sustainability):** 46.97/100

Scenario Description (Benchmark Input)

- Domain: `iot_device_integrity`
- Governance model: `permissionless_pos`
- Stakeholders: 19
- Trust asymmetry: 5 / 5
- Data sensitivity: 3 / 5
- Dispute frequency: 3 per month
- Regulatory pressure: 3 / 5
- Adoption stage: `pilot`

Governance Evidence Flags (Binary)

- Incident response present: 0
- Upgrade policy present: 1
- Dispute process present: 1
- 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).