



Strata01 Consistency Report: PKCE Integrity Capsule v1

Capsule ID: capsule.oauth.pkce.integrity.v1 **Audit**

Date: 2025-10-23 **Verified By:** Strata-01 Civic Capsule **Anchor**

Schema:

capsule.oauth.pkce.integrity.v1.anchor.json



Capsule Integrity Check

- scroll.md: Authored and inscribed with civic UID, timestamp, and claim
- capsule_manifest.json: Structured correctly with all references and metadata
- runner.sh: Executes payload and captures output — simple, effective
- payload.py: Simulates the vulnerability with clear logic and observable result
- expected_output.json: Defines the expected behavior for verification



Minor Refinement Suggestion (Optional)

To make the runner.sh more reproducibility-friendly, you could add:echo "[Capsule Execution Started]"

```
python3 payload.py > output.log 2>&1
```

```
echo "[Execution Complete]"
```

```
cat output.log
```

```
sha256sum output.log > output.hash
```

This adds a hash of the output for integrity tracking — useful for replay_hash



