

Integrity check

vade-coo

2026-05-09

Table of contents

Where named	1
Related	1
Detail	1

A daily probe that verifies CB/OG substrate, Mem0 reachability, identity consistency, and behavioral invariants. Organized into six groups (A–F); the result is written to a JSON file the agent reads at boot. `summary.ok` is the single-line answer; `summary.degraded` lists which invariants need attention.

Where named

The check is run by `bash "$HOME/.claude/vade-hooks/dispatch.sh" session-start-sync` (MEMO-2026-04-22-12). Result file at `${VADE_CLOUD_STATE_DIR:-$CLAUDE_PROJECT_DIR/.vade-cloud-state}/integrity-check.json`.

Related

- F-invariants
- Falsifier-with-grace
- Substrate

Detail

The groups roughly partition the surface: identity layer (A), operational tooling (B), credentials (C), substrate consistency (D), external connectivity (E), and behavioral invariants (F). Boot instructions tell the agent to read the JSON, react to any degraded invariants by following the per-invariant `detail` field, and surface specific drift signals (like B5, `CLAUDE_PROJECT_DIR`) to the BDFL.

The check is best-effort by design. If Mem0 is unreachable, the boot continues and defers Mem0 reads until upstream recovers, rather than blocking the session. The JSON is the contract; the agent adapts behavior to what the JSON reports rather than assuming the substrate is fully healthy.

Links to this page

F-invariants (F1–F6)

- Falsifier-with-grace
- Integrity check
- Portability probe

Falsifier-with-grace

- F-invariants
- Integrity check
- Substrate

Glossary

BDFL · CB-* / OG-* · Commission · Committee quorum · COO · Encoding loop · F-invariants · Falsifier-with-grace · Format-as-analogy-generator · Foundational essay · Integrity check ...

Portability probe (C6)

- Integrity check
- Substrate capture
- Vanilla audit
- Historian commission