

MC 103057 — Bilko Demo API Hang Validation 2026-06-06

MC #103057 — Bilko demo API hang recurrence validation (3f56ab5)

Deployment

- PR: <https://github.com/johnatbasicas/bilko/pull/267>
- Merge commit: `3f56ab5198fd37b43cbbf8a917d7ce4236d42104`
- Stage Cloud Build: `7b413a82-256a-4cfc-8917-b0b06376d850` = SUCCESS
- Stage API image promoted to demo: `europa-north1-docker.pkg.dev/tribal-sign-487920-k0/bilko/api:stage-3f56ab5@sha256:5ca9a347c56375757fd563980034307f2d1d87327d1958b4fbd593c4b34741c6`
- Demo revision: `bilko-api-demo-mc103057-3f56ab5`
- Demo traffic: 100% to `bilko-api-demo-mc103057-3f56ab5`

Changes

- Ktor Netty groups configured: `connectionGroupSize=2`, `workerGroupSize=4`, `callGroupSize=32`
- Demo Cloud Run deploy config adjusted to `concurrency=1`, `min-instances=1`, `max-instances=5`, `cpu-throttling=false`.

Validation evidence

- Pre-deploy recurrence evidence: `/tmp/alai/d7bced9a/evidence-bilko-demo-flaky/health-probe-resume-20260606.json` (10/20 pass, 10/20 abort/timeouts).

- P2P pre-verifier PASS: `mesh-thr-969f5997-357c-49a1-8f51-00de356f781a`; evidence `/tmp/alai/company-mesh-auto-responder/2026-06-06T17-38-47-783Z-mesh-msg-65457e77-674c-4e86-854f-0a9165a7c829.json`.
- Local validation: `cd /tmp/bilko-wt-hang/apps/api && gradle test --tests no.alai.bilko.auth.JwtServiceTest` => BUILD SUCCESSFUL.
- GitHub Actions CI: run `27069304656` => SUCCESS.
- Demo no-traffic smoke: `/tmp/alai/d7bced9a/evidence-bilko-demo-flaky/health-probe-smoke-3f56ab5-20260606T195531Z.json` => 20/20 pass.
- Post-promote custom-domain probe: `/tmp/alai/d7bced9a/evidence-bilko-demo-flaky/health-probe-post-promote-custom-20260606T195559Z.json` => 40/40 pass.
- Sustained watcher: `/tmp/alai/d7bced9a/evidence-bilko-demo-flaky/sustained-health-watch-3f56ab5-20260606T195537Z.json` => 149/150 pass over ~76 minutes. One client-side `AbortError` at 2026-06-06T21:00:27Z; Cloud Run logs for the same revision/window showed no non-200 and no >1s latency entries.
- Cloud Run log check: `/tmp/alai/d7bced9a/evidence-bilko-demo-flaky/cloudrun-logs-sustained-window-3f56ab5-20260606T211402Z.json` => HTTP status counts 98 x 200, `slow_or_non200=0`.
- Final custom-domain probe after recurrence window: `/tmp/alai/d7bced9a/evidence-bilko-demo-flaky/health-probe-final-custom-3f56ab5-20260606T211421Z.json` => 30/30 pass.
- Final direct Cloud Run probe after recurrence window: `/tmp/alai/d7bced9a/evidence-bilko-demo-flaky/health-probe-final-direct-3f56ab5-20260606T211430Z.json` => 30/30 pass.
- Final Cloud Run log check: `/tmp/alai/d7bced9a/evidence-bilko-demo-flaky/cloudrun-logs-final-window-3f56ab5-20260606T211451Z.json` => HTTP status counts 98 x 200, `slow_or_non200=0`.

Verdict

READY FOR VALIDATOR REVIEW. The previous ~50% recurring `/health` hang/504 pattern was not observed after deploy. There was one client-side abort in the 76-minute watcher, but Cloud Run did not record a matching 504/non-200 or slow request for the new revision, and final custom + direct probes were clean (60/60).

Follow-up

MC #103060 remains the durable architectural fix: migrate blocking Exposed `transaction {}` usage to `newSuspendedTransaction(Dispatchers.IO)` or a bounded DB dispatcher.

Revision #1

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