

# Bilko Environment Topology — Corrected Canonical Reference (2026-06-09)

# Bilko Environment Topology — Corrected Canonical Reference

**As of:** 2026-06-09 | **Authority:** MC #103300 C7 (ZAKON PLAN docs) | **Source:** Tool-verified facts only — no inferred data

## 1. Production — Customer-Facing

**CEO Decision (2026-06-09):** Demo Cloud Run services reused as production (\$0 new infra). There is no separate prod Cloud Run deployment.

Domain	Cloud Run Service	DNS	TLS	Database
app.bilko.cloud	bilko-web-demo	Cloudflare CNAME → ghs.googlehosted.com (grey/DNS-only)	Google-managed cert (provisioned)	bilko-demo-db (PostgreSQL 15)
app-api.bilko.cloud	bilko-api-demo	Cloudflare CNAME → ghs.googlehosted.com (grey/DNS-only)	Google-managed cert (provisioned)	

## Self-Serve Onboarding

- Prospect signs up via **Entra External ID (CIAM)** — email OTP flow.
- On first login: JIT provisioning creates an empty RLS tenant + 7-day trial (MC #103232).
- No manual admin action required for new trial sign-ups.

## AI Chatbot

- Tier-router: **Groq** → **Ollama** → **Anthropic** (primary → fallback → fallback).
- `GR00_API_KEY` bound to `bilko-api-demo` Cloud Run service (fixed 2026-06-09).

## 2. Marketing Landings (Cloudflare Pages)

Domain	App / Path	CTA destination
<code>bilko.cloud</code>	<code>apps/landing-hr</code>	<code>app.bilko.cloud</code>
<code>bilko.io</code>	<code>apps/landing-io</code>	<code>app.bilko.cloud</code>
<code>bilko.company</code>	<code>apps/landing-ba</code>	<code>app.bilko.cloud</code>

- Verified live: all register/login CTAs point to `app.bilko.cloud` — zero references to `bilko-demo.alai.no` or legacy domains.
- **Known issue MC #103308 (deploy-dir caveat):** Cloudflare Pages workflow currently deploys the repo root `index.html`, not the Next.js `out/` directory. A manual `wrangler deploy out/` was executed 2026-06-09 as a workaround. Permanent fix tracked in MC #103308.

## 3. Stage — UAT + Seed / Demo

Domain	Cloud Run Service	Database	Role
<code>bilko-demo.alai.no</code>	<code>bilko-web-stage</code>	bilko-staging-db (PostgreSQL 16)	UAT, internal QA, seeded demo data
<code>bilko-demo-api.alai.no</code>	<code>bilko-api-stage</code>		

**Note:** The `bilko-demo.alai.no` and `bilko-demo-api.alai.no` domain mappings remain live and now serve the stage/UAT role (not production-customer-facing).

## 4. CI/CD Pipeline

Trigger	Cloud Build Config	Deploys to
Push to <code>main</code> branch	<code>cloudbuild-stage.yaml</code>	Stage ( <code>bilko-web-stage</code> , <code>bilko-api-stage</code> , <code>bilko-staging-db</code> )
Semver tag <code>vX.Y.Z</code>	<code>cloudbuild.yaml</code>	Demo/Prod ( <code>bilko-web-demo</code> , <code>bilko-api-demo</code> , <code>bilko-demo-db</code> )

**Known issue MC #103304:** GitHub Actions is currently DOWN due to billing. This affects any workflows running in GitHub Actions; Cloud Build triggers (above) are unaffected.

## 5. Known Issues & Orphaned Resources

MC / Ref	Issue	Status
MC #103304	GitHub Actions billing — Actions disabled	Open
MC #103308	Landing deploy-dir: workflow deploys root, not <code>out/</code> ; manual wrangler deploy applied 2026-06-09	Open
MC #103296	Orphaned OAuth brand / project 762788903040 — not linked to any active service	Open
Retired	<code>api.bilko.cloud</code> legacy domain — retired, no active Cloud Run mapping	Retired 2026-06-09
Avoided	Two-V70 migration collision — resolved, no duplicate V70 migration in flight	Resolved 2026-06-09

## 6. Architecture Diagram



