

# Bilko Stage Environment — Cloud SQL & IAM (Phase 1)

## Summary

MC #10177 Phase 1 (FlowForge, 2026-04-29): `bilko-staging-db` Cloud SQL instance brought under Flyway management. Pre-existing instance (2026-04-15, Prisma-managed). V1+V2+V4+V5 baselined, V3 actually executed. IAM SA created. Phase 2 (Cloud Run) pending.

## Instance Details

Field	Value
Instance name	<code>bilko-staging-db</code>
Connection name	<code>tribal-sign-487920-k0:eu-north-1:bilko-staging-db</code>
IP	35.228.33.112
Tier	db-g1-small
Version	POSTGRES_16
State	RUNNABLE (pre-existing since 2026-04-15; reused)
Database	<code>bilko</code>
App user	<code>bilko</code>
Migration admin	<code>migration_admin</code>
Secret	<code>bilko-staging-db-password</code> (Secret Manager, 2026-04-15)
IAM SA	<code>bilko-api-stage-sa@tribal-sign-487920-k0.iam.gserviceaccount.com</code>
IAM SA roles	roles/cloudsql.client + roles/secretmanager.secretAccessor
Total tables	24 (public schema)

## Flyway State (2026-04-29)

Version	Script	Status
V1	V1__initial_schema.sql	Baselined (DDL existed via Prisma)
V2	V2__add_missing_prisma_columns.sql	Baselined (DDL existed via Prisma)
V3	V3__add_jmbg_oib_encryption.sql	<b>EXECUTED LIVE</b> — jmbg/jmbg_hash/oib/oib_hash + 2 indexes added to contacts (ADR-014)
V4	V4__add_supplementary_tables.sql	Baselined (DDL existed via Prisma)
V5	V5__add_logo_url_to_organizations.sql	Baselined (DDL existed via Prisma)

## Open Risks

- **V3 prod gap:** Prisma migrations never included V3. Production DB may be missing jmbg/oib columns on contacts. Audit required before Kotlin cutover (separate MC pending).
- **Prod topology unknown:** bilko-staging-db is the only documented Cloud SQL instance. Whether a separate prod instance exists is unconfirmed. Audit required before Phase 2 prod deploy.
- **MC #10187:** gradle flywayMigrate broken (Flyway plugin 10.22.0 + Gradle 9.3.1 incompatibility). Workaround: psql sequential apply.

## Phase Status

- Phase 1 (Cloud SQL + IAM + Flyway baseline): COMPLETE
- Phase 1.5 (Proveo validation): pending
- Phase 2 (Cloud Run bilko-api-stage + bilko-web-stage): Mehanik gate next

## References

- MC #10177 (parent), MC #10183 (Flyway verify), MC #10187 (gradle fix)
- ADR-014 (field encryption), ADR-021 (blueprint reorg)
- DEPLOY-MAP.md — Cloud SQL Instances section
- RUNBOOK.md — Section 7g
- Evidence: /tmp/bilko-stage-phase1-evidence.json (FlowForge)

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Revision #2

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