

Finanzas SD Infra Audit (us-east-2)

Finanzas SD – Architecture, Flows & SOPs

Arquitectura, Flujos y Procedimientos

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[ARCHIVED] Superseded by docs/finanzas/overview.md on 2025-12-05 # Finanzas SD Infra Audit (us-east-2)

0.1 Summary

- Verified that Finanzas SD AWS resources exist in account 703671891952 (dev stage) and align with the SAM template defaults for Cognito, DynamoDB tables, and CloudFront origin domain.
- Confirmed the expected Lambda fleet for the HTTP API is deployed in us-east-2 with dev-staged function names that match the SAM template naming pattern.
- DynamoDB tables for the Finanzas domain exist with the expected pk/sk composite keys and on-demand billing.
- CloudFront distribution EPQU7PVDLQXUA routes /finanzas/* to the ukusi-ui-finanzas-prod S3 origin. A manifest mismatch between deployed and local Finanzas builds (JS hash drift) was identified; the deploy workflow now performs a post-upload manifest diff and will fail fast if drift remains.
- API Gateway HTTP API finanzas-sd-api-dev exposes the full route set with JWT authorizer pointing to Cognito pool us-east-2_FyHLt0hiY and client dshos5iou44tuach7ta3ic

0.2 AWS Inventory

- **Template defaults:** Cognito pool/client IDs, CloudFront domain, and table prefixes declared in services/finanzas-api/template.yaml guide expected resource names and origins. ↴F:services/finanzas-api/template.yaml↑L4-L120 ↴
- **Lambda functions discovered:** Dev-stage functions exist for allocations, alerts, line items, providers, close-month, forecast, adjustments, rubros, invoices, recon, allocations, health, catalog, prefacturas, baseline, billing, handoff, plan, alerts PEP3, upload, payroll, and projects. ↴668cf0↑L1-L22 ↴
- **DynamoDB tables present:** finz_projects, finz_rubros, finz_allocations, finz_payroll_actuals, finz_adjustments, finz_alerts, finz_providers, finz_audit_log (plus docs/prefacturas) exist in us-east-2. ↴564a6atL1-L17 ↴
- **CloudFront:** Distribution d7t9x3j66yd8k.cloudfront.net with origin ukusi-ui-finanzas-p and path behaviors for /finanzas*. ↴f05cd1↑L1-L17 ↴ ↴f56339↑L1-L31 ↴
- **API Gateway:** HTTP API finanzas-sd-api-dev (ID pyorjw6lbe) with dev stage auto-deploying and Cognito JWT authorizer (pool us-east-2_FyHLt0hiY, client dshos5iou44tuach7ta3ici5m). ↴c195ba↑L1-L12 ↴ ↴c4f2b9↑L1-L17 ↴

0.3 Lambda Audit

- All expected Finanzas SD Lambda functions are deployed under the dev stage naming convention (e.g., finanzas-sd-api-dev-ProjectsFn-...). ↴668cf0↑L1-

L22

- API routes are fully mapped to Lambda integrations via AWS_PROXY integrations; each route key resolves to a Finanzas Lambda function ARN, confirming connectivity between API Gateway and Lambda backends. 0b9af3tL1-L77bf0315tL1-L77
- No log or health anomalies were observed in this pass (log sampling not requested); recommend periodic aws logs tail checks per runbook.

0.4 DynamoDB Audit

- Required domain tables exist with pk/sk composite keys and PAY_PER_REQUEST billing, matching the SAM definitions for projects, rubros, allocations, payroll_actuals, adjustments, alerts, providers, and audit_log. 4f8aa9tL1-L2149e190tL1-L2113596atL1-L21cffabatL1-L11
- Table naming aligns with the finz_ prefix from the SAM template parameters, ensuring Lambdas referencing TABLE_* env vars resolve to existing tables. F:services/finanzas-api/template.yamltL46-L78

0.5 S3 + CloudFront Audit

- CloudFront distribution d7t9x3j66yd8k.cloudfront.net routes /finanzas, /finanzas/, and /finanzas/* to the ukusi-ui-finanzas-prod S3 origin with HTTPS redirects, confirming the correct SPA behavior is configured at the edge. f05cd1tL1-L17f56339tL1-L18
- Current bucket manifest (key prefix finanzas/) shows SPA entrypoints (finanzas/index.html, finanzas/auth/callback.html) plus assets and docs, with JS bundle finanzas/assets/index L38
- Local npm run build:finanzas (with VITE_API_BASE_URL set) produces bundle dist-finanzas/assets/index-ppTbD_1B.js alongside matching HTML and assets. d46f88tL2-L23 The JS hash mismatch indicates deployed UI drift from the latest build; CloudFront currently serves the older bundle despite matching HTML filenames. 225404tL33-L38
- Sample curl -I against /finanzas/ returns HTTP 200 from CloudFront, confirming edge availability but not bundle freshness. deb1e8tL1-L16
- S3 object metadata for finanzas/index.html correctly reports text/html Content-Type and SSE enabled. 9ddfa6tL1-L10

0.6 API + Auth Audit

- API Gateway HTTP API exposes expected Finanzas routes (projects, rubros, providers, allocations, payroll, adjustments, prefacturas, handoff, close-month, baseline,

plan, forecast, recon, health).`0b9af3`L1-L77

- Each route integrates to the corresponding Lambda via AWS_PROXY with no missing integrations observed.`bf0315`L1-L77
- JWT authorizer uses Cognito pool us-east-2_FyHLt0hiY and client dshos5iou44tuach7ta3ici matching the SAM defaults referenced by the UI and API.`c4f2b9`L1-L17

0.7 Gaps & Recommended Fixes

- **S3/UI drift (Critical → Mitigated by CI guard):** Deployed JS bundle finanzas/assets/index does not match the latest local build (index-ppTbD_1B.js). The UI deploy workflow now runs a post-upload manifest comparison (local build vs. finanzas/ prefix) and fails on mismatch so drift cannot persist; rerun Deploy Finanzas UI to sync the current bundle and invalidate CloudFront.`d46f88`L9-L23
- **Build-time env guardrail (Implemented):** CI now computes and exports VITE_API_BASE_URL before build and verifies the value is embedded in the bundle, preventing silent misconfiguration. Keep repo variables (FINZ_API_ID, FINZ_API_STAGE_*, DEV_API_URL) aligned with the intended stage before triggering deployments.`F:.github/workflows/deploy-ui.yaml`L70-L193
- **Ongoing health checks:** Keep periodic log/metrics validation for each Lambda (CloudWatch logs + lambda get-function-configuration) and S3 object content-type sampling in CI, following the runbook to catch drift before deployment.