Ikusi

Operational Runbooks

Finanzas SD Documentation / Documentación de Finanzas SD

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1 Operational Runbooks

This directory contains operational runbooks for the Financial Planning U platform, with a focus on the Finanzas SD module.

1.1 Available Runbooks

1.1.1 Unified CloudFront & AVP Deployment

Purpose: Complete step-by-step guide for deploying the CloudFront distribution update and AVP policy store integration.

    Quick Reference: Deployment Checklist

    When to use: - Initial setup of CloudFront proxy for Finanzas API - Deploying AVP policy store for fine-grained authorization - Integrating Cognito with AVP for token-based authorization - Full production deployment of Finanzas SD infrastructure

    Phases covered: 1. CloudFront Distribution Update (API proxy configuration) 2. AVP Policy Store Deployment (Cedar policies) 3. Cognito Identity Source Binding (manual step) 4. API Redeployment with AVP Integration

    Estimated time: 45-60 minutes

1.1.2 CloudFront CDN Proxy

Purpose: Detailed documentation of the CloudFront distribution configuration that proxies the Finanzas API.

    When to use: - Understanding the CloudFront routing architecture - Troubleshooting CDN-related issues - Updating CORS configuration - Rollback procedures for CloudFront changes

    Key topics: - Routing configuration (UI vs API traffic) - Path rewrite function logic - CORS configuration and security - Authorization header forwarding - Verification and smoke tests

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1.1.3 Finanzas Access Diagnostics

Purpose: Diagnostic procedures for troubleshooting access and authentication issues in the Finanzas module.

    When to use: - Users reporting 403 Forbidden errors - Authentication flow failures - Authorization policy debugging - Cognito integration issues

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1.2 Quick Reference

1.2.1 Common Operations

Operation	Runbook	Section
Deploy new environment	Unified Deployment	Complete guide
Update CloudFront only	Unified Deployment	Phase 1
Deploy AVP policies	Unified Deployment	Phase 2
Bind Cognito to AVP	Unified Deployment	Phase 3
Rollback CloudFront	CDN Proxy	Rollback Procedures
Debug 403 errors	Access Diagnostics	-
Update CORS	CDN Proxy	Updating CORS

1.2.2 Key Workflows

Workflow	File	Documentation
Update CloudFront	`.github/workflows/update-cloudfront.yml`	Unified Deployment
Deploy AVP	`.github/workflows/deploy-avp.yml`	Unified Deployment
Deploy API	`.github/workflows/deploy-api.yml`	Unified Deployment

1.2.3 Key Resources

Resource	Value	Environment
CloudFront Distribution ID	`EPQU7PVDLQXUA`	All
CloudFront Domain	`d7t9x3j66yd8k.cloudfront.net`	All
API Gateway ID	`m3g6am67aj`	dev
API Stage	`dev`	dev
Region	`us-east-2`	All
API Stack Name	`finanzas-sd-api-dev`	dev
AVP Stack Name	`finanzas-avp-dev`	dev

1.3 Contributing

When adding new runbooks:

1. Use clear, descriptive titles
2. Include a Purpose and When to use section
3. Provide step-by-step instructions with expected outputs
4. Include verification procedures
5. Add troubleshooting guidance
6. Reference related documentation
7. Update this README with a link to your runbook

1.4 Related Documentation

- Deployment Guide - General deployment instructions
- API Contracts - API specifications

- [Authentication Flow](#) - Auth architecture
- [Environment Config](#) - Environment variables
- [AVP Deployment Guide](#) - AVP-specific details