

Runbook: Terraform Dev/Prod Release Checklist (Lambda + API + S3)

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Purpose

Provide a repeatable checklist to deploy dev and prod environments safely.

Pre-Deploy

- terraform fmt && terraform validate
- Confirm env tfvars values (bucket name, prefix, region).
- Build lambda.zip and verify handler path (app.handler).
- Confirm AWS credentials and correct account/role.

Deploy Steps

- terraform init (first time)
- terraform plan -var-file=envs/dev.tfvars
- terraform apply -var-file=envs/dev.tfvars
- Repeat for prod with prod.tfvars

Post-Deploy Verification

- Call /health and /agents endpoints; verify 200 OK.
- Upload agents.json and at least one PDF; verify retrieval.
- Verify CloudWatch logs are being written.
- Pin UI environment to correct API_BASE_URL.

Rollback Strategy

- Re-deploy previous lambda.zip (keep artifacts versioned).
- Use terraform state to confirm resources; avoid manual drift.