

# Runbook: CORS & API Gateway Configuration for LLM SRE Site

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## Purpose

Resolve browser CORS errors and ensure the UI can call the API securely.

## Symptoms

- CORS policy blocked: No 'Access-Control-Allow-Origin' header
- Preflight OPTIONS returns 403 or 5xx
- API works in curl but not in browser

## Required Headers (Lambda response)

- access-control-allow-origin: \* (or your domain)
- access-control-allow-headers: \*
- access-control-allow-methods: GET,POST,OPTIONS
- content-type: application/json

## Terraform Notes

- For API Gateway v2 HTTP API, set cors\_configuration in the aws\_apigatewayv2\_api resource.
- Ensure Lambda handles OPTIONS preflight with 200 OK.

## Security Recommendation

- Use allow\_origins = ["https://yourdomain"] in prod, not wildcard.
- Add auth (JWT/Cognito/OIDC) for production endpoints.