

AWS AppSync

- 250,000 query or data modification operations (free tier)
- 250,000 real-time updates (free tier)
- Serverless, function-less, integrations
- Integrates with Cognito



```
create-appsync-api.ts

const api = new awsAppsync.GraphQLApi(scope, 'RecipeAPI', {
  name: `RecipeAPI`,
  schema: SchemaFile.fromAsset(path.join(
    __dirname, './graphql/schema.graphql'
  )),
  authorizationConfig: {
    defaultAuthorization: {
      authorizationType: AuthorizationType.USER_POOL,
      userPoolConfig: {
        userPool: props.userpool,
      },
    },
    additionalAuthorizationModes: [
      { authorizationType: AuthorizationType.IAM }
    ],
  },
});
```

Micro SaaS Stack on AWS



User



NextJS



Amplify JS
libraries



Lambda
Trigger



Cognito



AppSync



cloudfront



S3



User Table



TravelPost
Data



Stripe
Webhook