

Build Mobile Apps with AWS Serverless

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Creating a first-rate mobile application requires cloud tools and services that are secure, scalable, and highly available. In this tech talk, you'll learn how to build production ready mobile apps with **AWS Amplify** running on **the AWS cloud**. We'll demonstrate how to create an app with features such as **Push Notifications** and **SMS**, **Analytics**, and **Machine Learning**. Using serverless technologies like **AWS AppSync (GraphQL)**, **AWS Lambda**, and **Amazon DynamoDB**, we'll create a mobile application that allows you to **engage your customers**, **collect telemetry**, and **perform at scale**.

AWS Amplify

The fastest way to develop mobile and web apps that scale

Get to Market Faster

UI components

Libraries

Abstraction

Built-in back end code



Focus on Innovation

Multiple features

Feature rich

Integrate w/ existing data

Testing



Performance that Scales

Global

Reliable

Secure

Scalable



Leverage AWS Amplify Tools and Services

Libraries



Authentication

API

Storage

Datastore

XR

CLI



PubSub

Predictions

Interactions

Notifications

Analytics

Hosting



**Hosting for full stack
serverless web apps
with continuous
deployment**

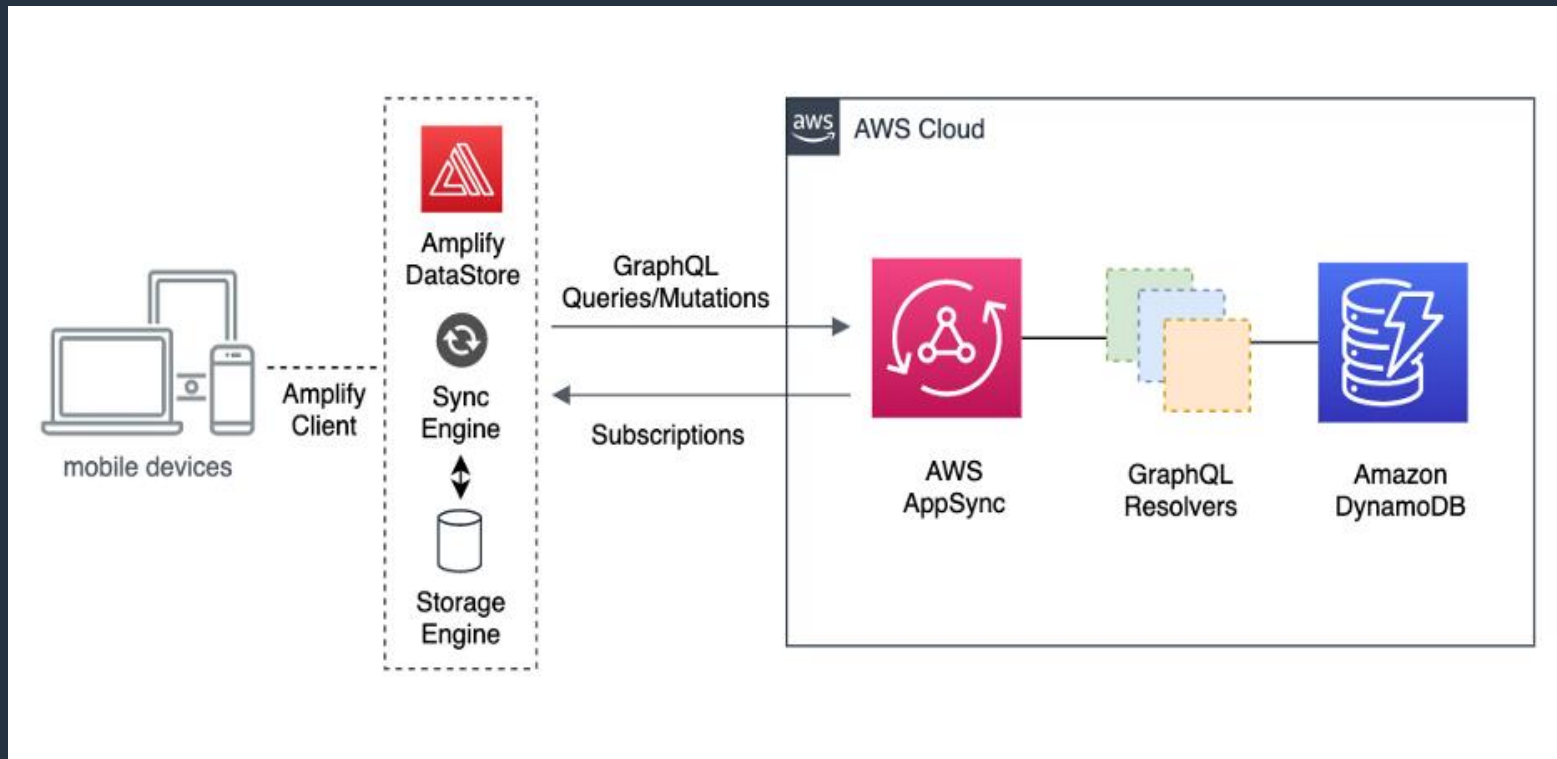
Amplify CLI: Quickly add Cloud Services

- \$ **amplify init** Initialize a project and environment
- \$ **amplify add auth** Add an Amazon Cognito user pool
- \$ **amplify add analytics** Create an Amazon Pinpoint application
- \$ **amplify add api** Provision an API and data infrastructure
- \$ **amplify push** Deploy via AWS CloudFormation

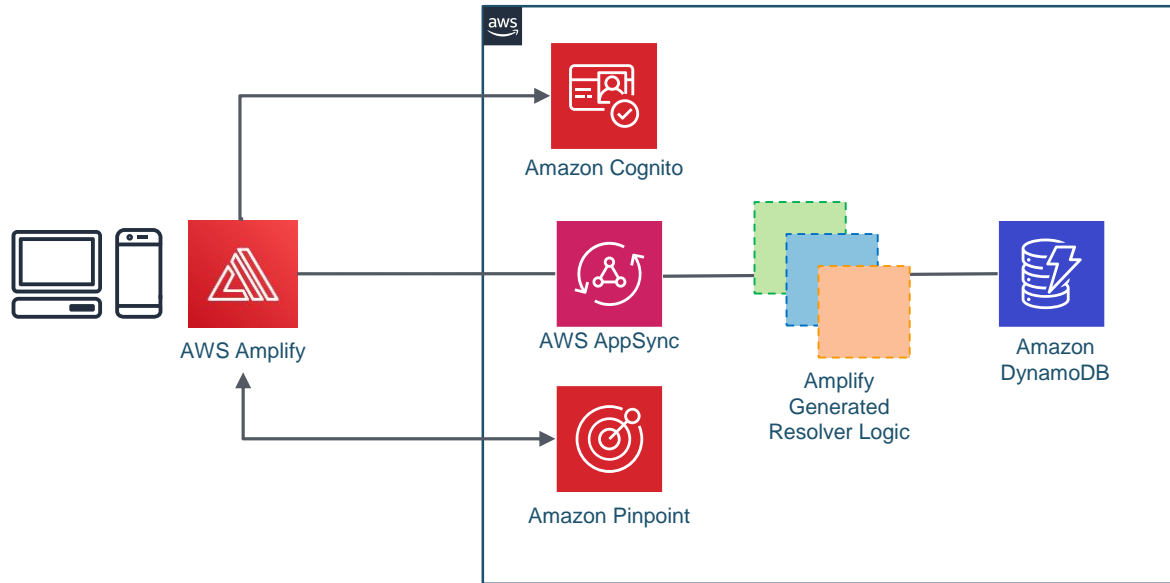
Also Generates Code for: Client, AppSync, Dynamo

AWS Mobile: Offline Reference Architecture

Offline using Amplify Datastore



Demo Serverless Architecture



Add Amplify Analytics

Add Pinpoint Messaging

Thank You!

Please share your feedback!