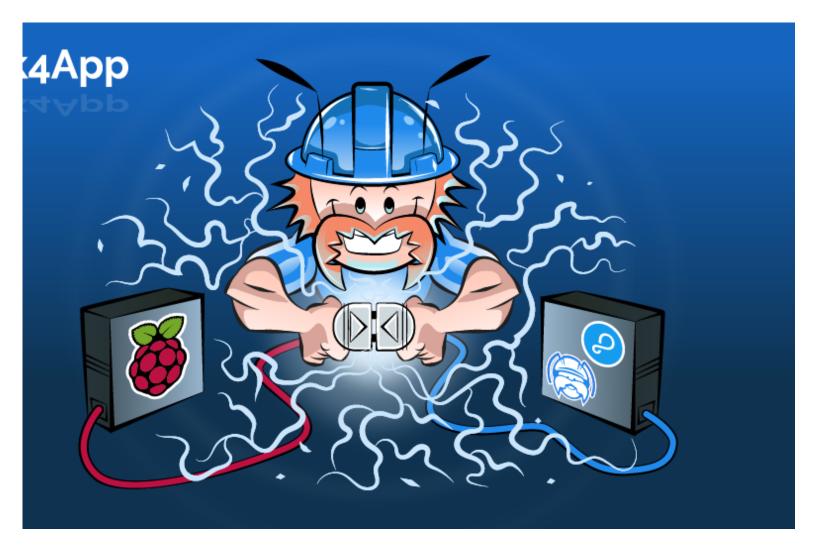


What is Baas/ MBaas

Mobile backend as a service, or MBaaS, is an important tool for both web app and mobile app developers. It provides a means to connect those apps with cloud storage, as well as APIs for additional functionality and features. It also delivers the means to provide push notifications for apps, user management and more. It is sometimes called backend as a service, or BaaS, rather than MBaaS.

Five BaaS Solutions



Back 4 App

People looking to host their Parse projects are found to be using Back4App because of its simplicity and exciting features. Their also sought after due to their simple pricing structure. They also price according to the needs of the Developers.



FireBase

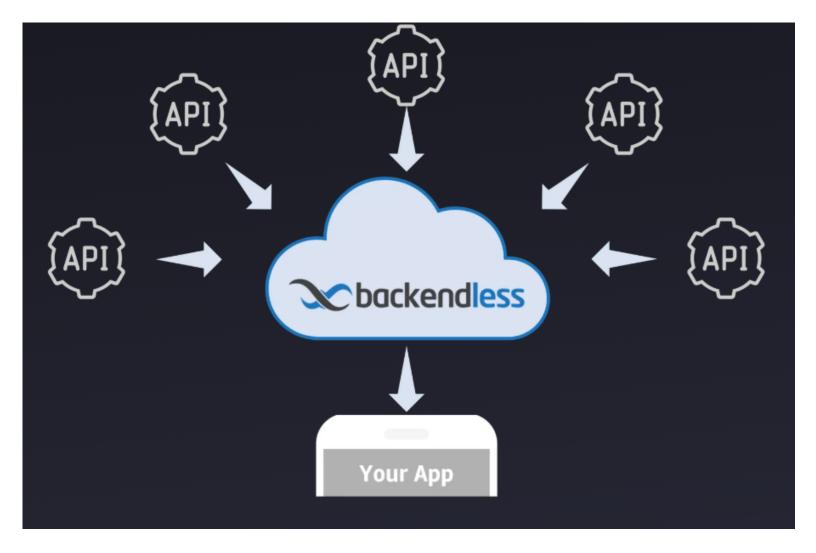
Fire Base is known globally due to it being purchased by Google in 2014. They have several different versions for users to choose from which makes them very user friendly. For beginners they recommend starting with the base FireBase.



AWS Amplify

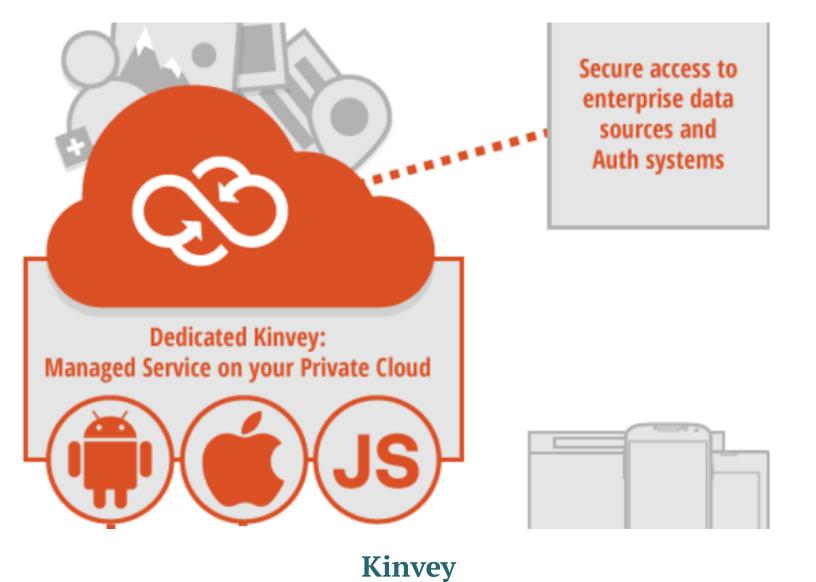
Aws is the king of the MBaaS! Amazon web solutions.

Although AWS's portfolio matches a lot with Firebase it is more about advance app development. AWS doesn't come free and is narrowing down its focus on mobile development teams that are managing apps for a large number of users.



Backendless

Backendless is a cloud-based platform that gives an edge to developers to develop apps without getting in the hassle of server coding. It does this by allowing devs to make use of the programmable service that contains some of the standard server functions



What sets Kinvey apart from the rest of the BaaS companies is that they are offering a ton of more features, their most important being the use of dedicated private cloud or "on-premise" instead of the usual multi tenant platforms.

Three Reasons To Use BaaS

- Reduce Time To Market
- Save Money Decrease cost of Development

- Assign Fewer Backend Developers to a Project
- Outsource cloud infrastructure management

Three BaaS Solutions With Pros And Cons



Build better apps



Cloud Firestore

Store and sync app data at global



ML Kit BETA

Machine learning for mobile developers



Cloud Functions

Run mobile backend code without managing servers



Authentication

Authenticate users simply and securely



Hosting

Deliver web app assets with speed and security



Cloud Storage

Store and serve files at Google



Realtime Database



Improve app quality



Crashlytics

Prioritize and fix issues with powerful, realtime crash reporting



Performance Monitoring

Gain insight into your app's performance



Test Lab

Test your app on devices hosted by Google



App Distribution BETA

Distribute pre-release versions of your app to your trusted testers



Grow your business



In-App Messaging BETA

Engage active app users with contextual messages



Google Analytics

Get free and unlimited app analytics



Predictions

Smart user segmentation based on predicted behavior



A/B Testing BETA

Optimize your app experience through experimentation



Cloud Messaging

Send targeted messages and notifications



Remote Config

Modify your app without deploying a new version



Dynamic Links

PROS

Firebase

- 1. Theres a Free Version
- 2. They offer a pay as you go plan
- 3. Cloud Hosting

Kinvey

1. Downloadable

- 2. Dedicated Servers
- 3. Technical Documentation(detailed docs and spreadsheets)

Parse

- 1. Free Plan
- 2. Open Source
- 3. Self Hosting

CONS

Parse

- 1. No Cloud Hosting
- 2. No Dedicated Server Access
- 3. No Support Services
- 4. No Professional Services

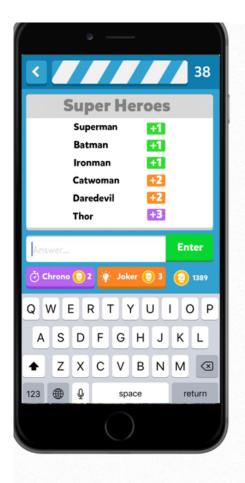
Kinvey

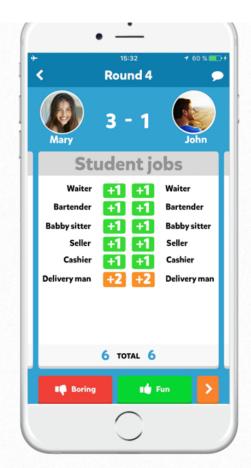
- 1. Not Open Source
- 2. Not Downloadable

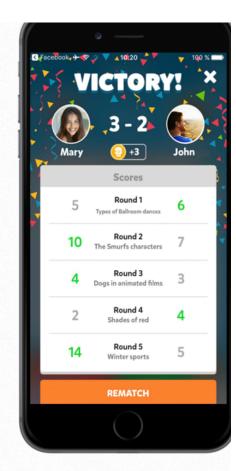
FireBase

- 1. No Dedicated Servers
- 2. Not Open Source
- 3. Not Downloadable

One Company Using Baas And Why







Over 25 million players 2015

In france there is a Company by the name of **Two4Tea**.

The development teams biggest hit is a mobile trivia game with over 55 million downloads, used in multiple languages and has thousands of simultaneous users.

Having a BaaS service allowed them to easily scale from a few users to thousands of concurrent users with no downtime.

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