BACKEND AS A SERVICE (BAAS / MBAAS)

Jeanai Roberts June 10, 2020
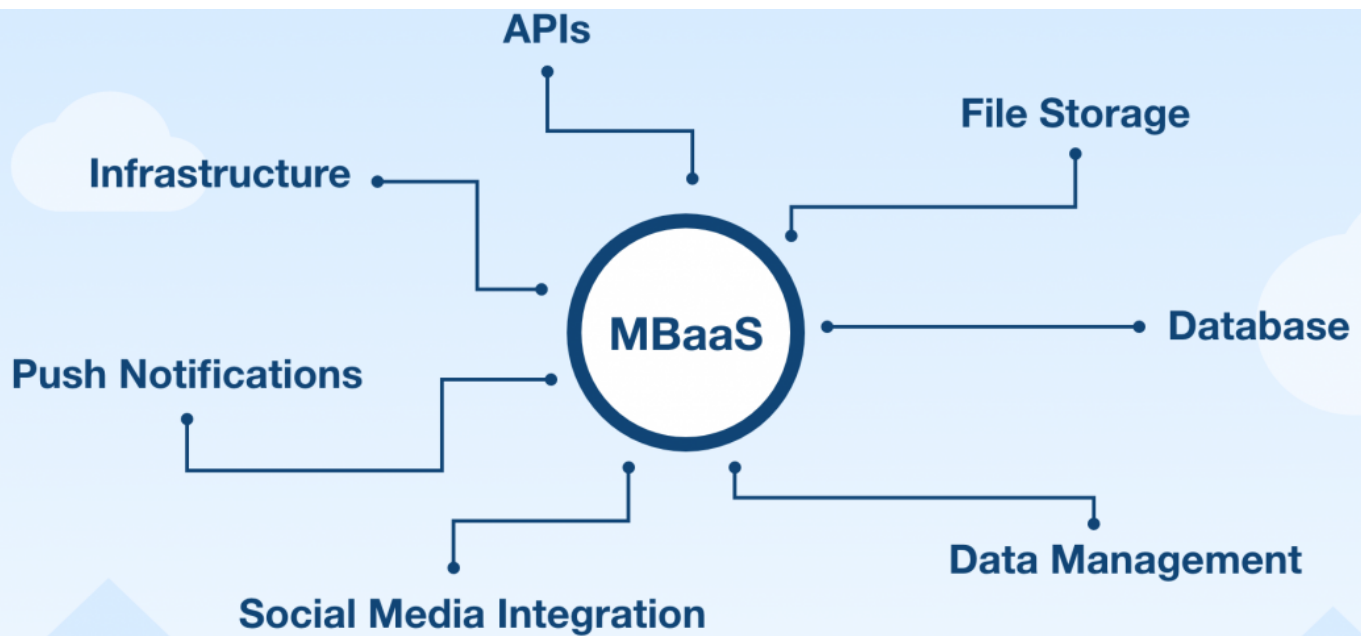
https://spark.adobe.com/page/lSayvco3ofB0x/
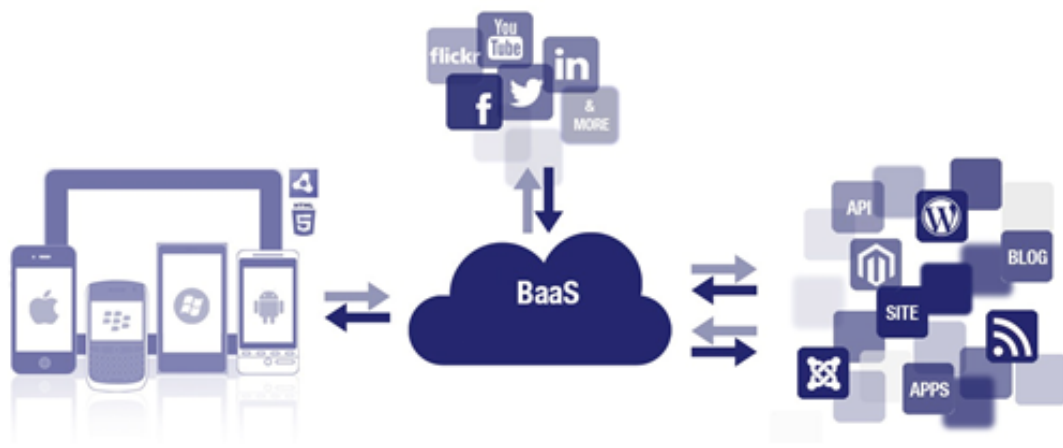
What is BaaS / mBaaS

Backend as a Service or BaaS/mBaas is a platform that handles cloud infrastructure and automates backend development. It is used as a way to connect mobile apps to a cloud-based service.
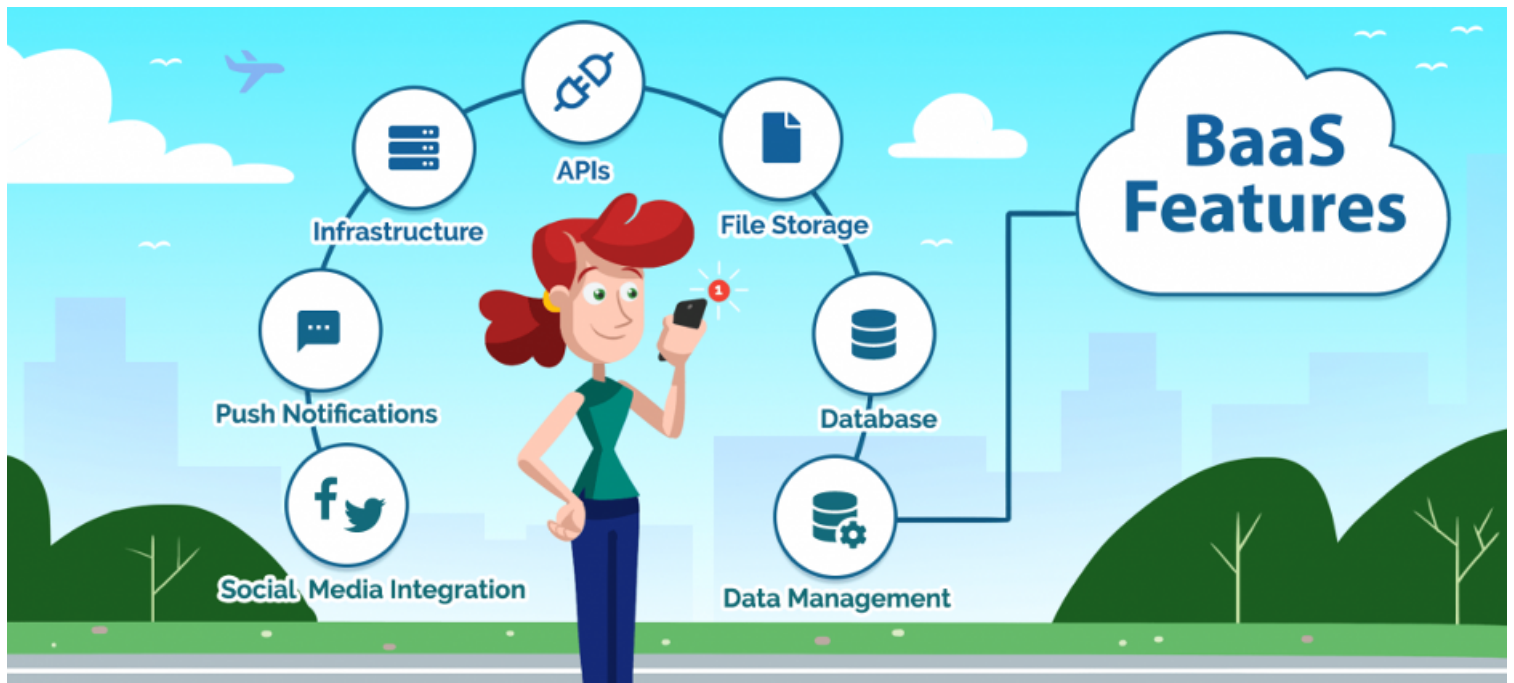
Five BaaS Solutions

Five BaaS solutions are cloudboost, backendless, Kii, Built.io, and Parse. Cloudboost is a JavaScript backend solution. It is most know for its features such as real-time sync and authentication. backendless is a backend solution that can be used to for iOS and Android. Kii is a BaaS platform used for games and general apps. Built.IO allows the creation of applications without having to build a custom backend. Parse is an open-source solution previously owned by Facebook.

Three Reasons to Use BaaS

Three reasons to use BaaS are Speed, In-App features and Cost. The set-up for BaaS far simpler and quicker versus building a backend. BaaS automates these processes which means build time can be cut in half. BaaS provides in-App features such as notifications, social media integration, messages, and location services. The cost of an BaaS solution can range anywhere from free to $50.

(Batschinski, 2020)

Three BaaS Solutions with Pros and Cons

The 3 BaaS solutions that will be discussed with pros and cons are Backendless, Kii, and Parse. The advantages of backendless are it has a free plan. This database is an open-source and allows cloud hosting. The disadvantage of this solution is the best plans start at $15 a month

The advantages of using Kii are the multiple deployment options, it is a ready to use platform and tailor-made specific solutions for any desired project. The disadvantage of this solution is

The advantages of Parse are cost, source and hosting. Parse is a fully free solution that is open source and allows self-hosting. The disadvantages to this solution are no cloud hosting and no dedicated servers.

(Batschinski, 2020)

References

Batschinski, G. (2020). Top 10 Solutions for your Mobile Backend | Back4App Blog. Retrieved 14 June 2020, from https://blog.back4app.com/baas-solutions/

Wood, J., & Chapman, H. (2020). Top 5 Solutions for Mobile Backend (BaaS) | GRAVUM. Retrieved 14 June 2020, from https://www.gravum.com/mobile-app-development/top-5-solutions-for-mobile-backend-baas/

Cloud Infrastructure: How Does Cloud Computing Work? | Robots.net. (2020). Retrieved 14 June 2020, from https://robots.net/how-to-guide/cloud-infrastructure-how-it-works/

Batschinski, G. (2020). BaaS: What are the benefits? | Back4App Blog. Retrieved 14 June 2020, from

https://blog.back4app.com/what-are-the-benefits-baas-backend-as-a-service/

Batschinski, G. (2020). BaaS Open Source. Retrieved 14 June 2020, from https://medium.com/@george_51059/baas-open-source-5ba96ca221a0

Batschinski, G. (2020). BaaS Providers - 20 Backend Platforms. Retrieved 14 June 2020, from https://blog.back4app.com/baas-providers/

Batschinski, G. (2020). The basic BaaS Features you should consider | Back4App Blog. Retrieved 14 June 2020, from https://blog.back4app.com/features-baas-backend-as-a-service/

(Batschinski, 2020)