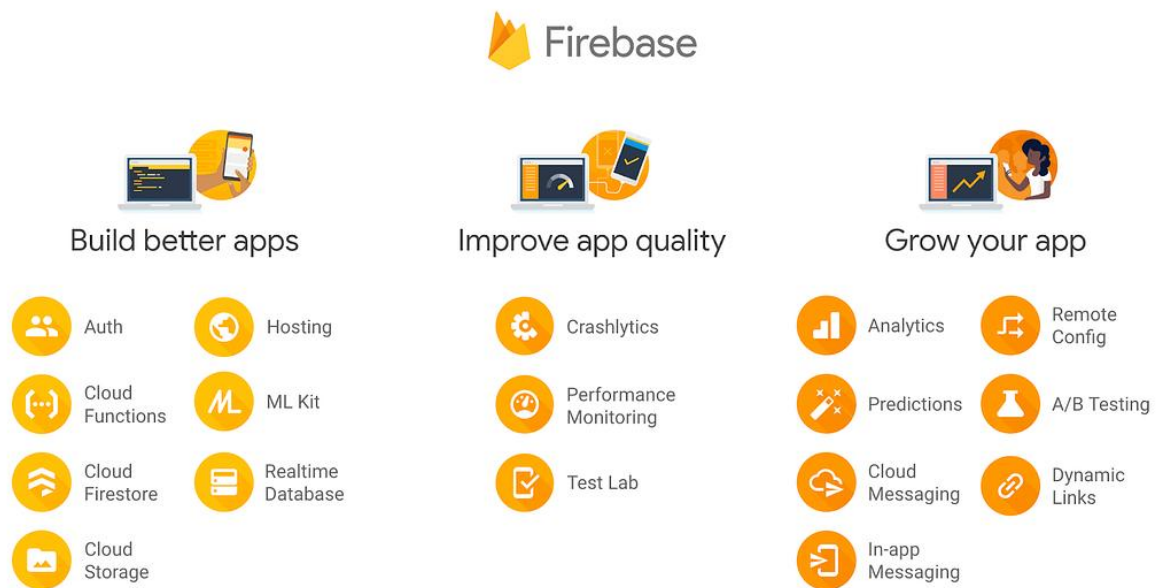# Firebase

There are 17 individual products in the Firebase suite.

Here's a helpful picture:

Build your app — creating the "guts"

The "build" group of products are these:

Authentication — user login and identity
Realtime Database — realtime, cloud hosted, NoSQL database
Cloud Firestore — realtime, cloud hosted, NoSQL database
Cloud Storage — massively scalable file storage
Cloud Functions — "serverless", event driven backend
Firebase Hosting — global web hosting
ML Kit —SDK for common ML tasks

Grow your app — attract and retain users

The "grow" group of products are these:

Analytics — understand your users, and how they use your app
Predictions — apply machine learning to analytics to predict user behavior
Cloud Messaging — send messages and notifications to users
Remote Config — customize your app without deploying a new version; monitor the changes
A/B Testing — run marketing and usability experiments to see what works best
Dynamic Links — enable native app conversions, user sharing, and marketing campaigns
App Indexing — re-engage users with Google Search integration
In-App Messaging — engage your active users with targeted messages

Improve your app — stability and performance

The "improve" group of products are these:

Test Lab — scalable and automated app testing on cloud-hosted devices
Crashlytics — get clear, actionable insight into your app's crashes
Performance Monitoring — gain insight into your app's performance issues