Firebase Cloud Messaging & Android

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Overview

- Firebase Architecture Overview
- Firebase Cloud Messaging (FCM)
- Demo Application Walkthrough
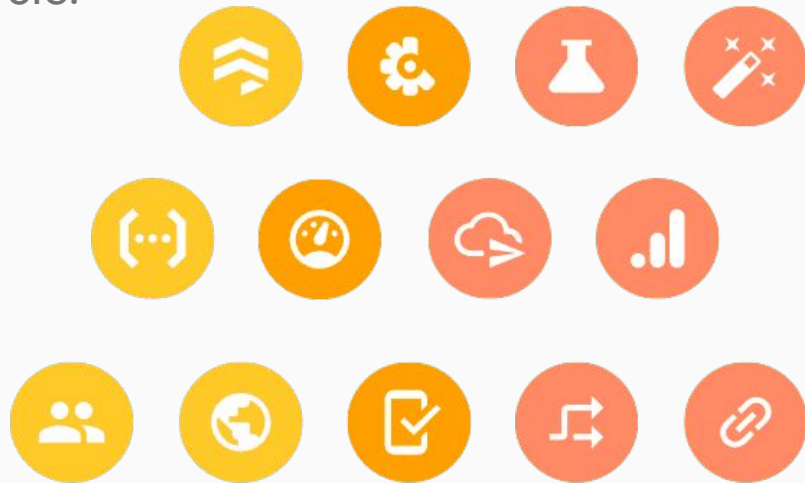- Advanced Application Demo

Firebase Overview

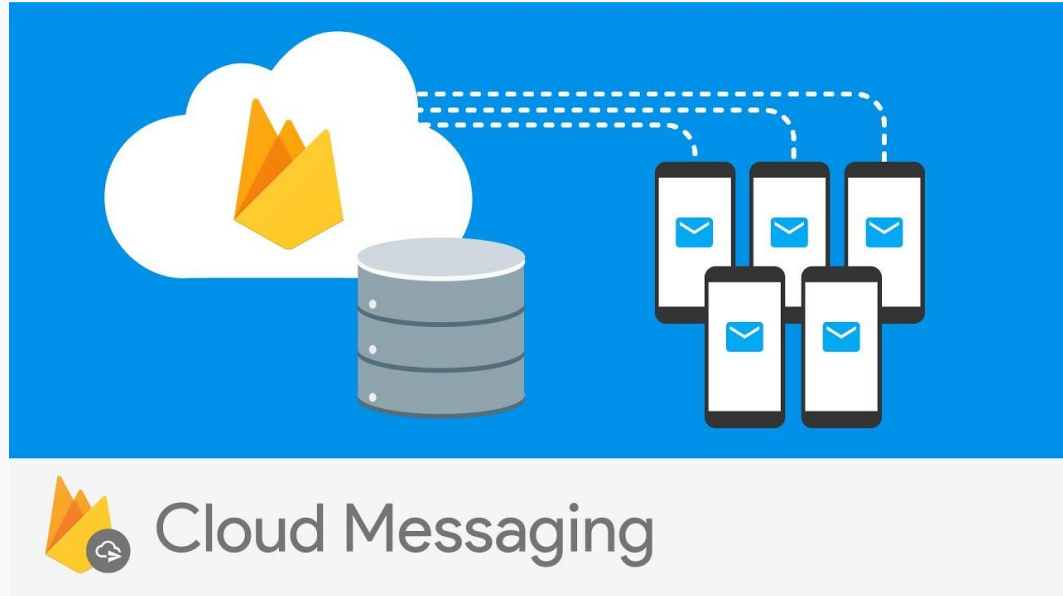Suite of products and tools powered by Google which easily integrate with one another in their Build/Release/Engage cycle.

Popular examples include:

- Authentication
- Cloud Firestore
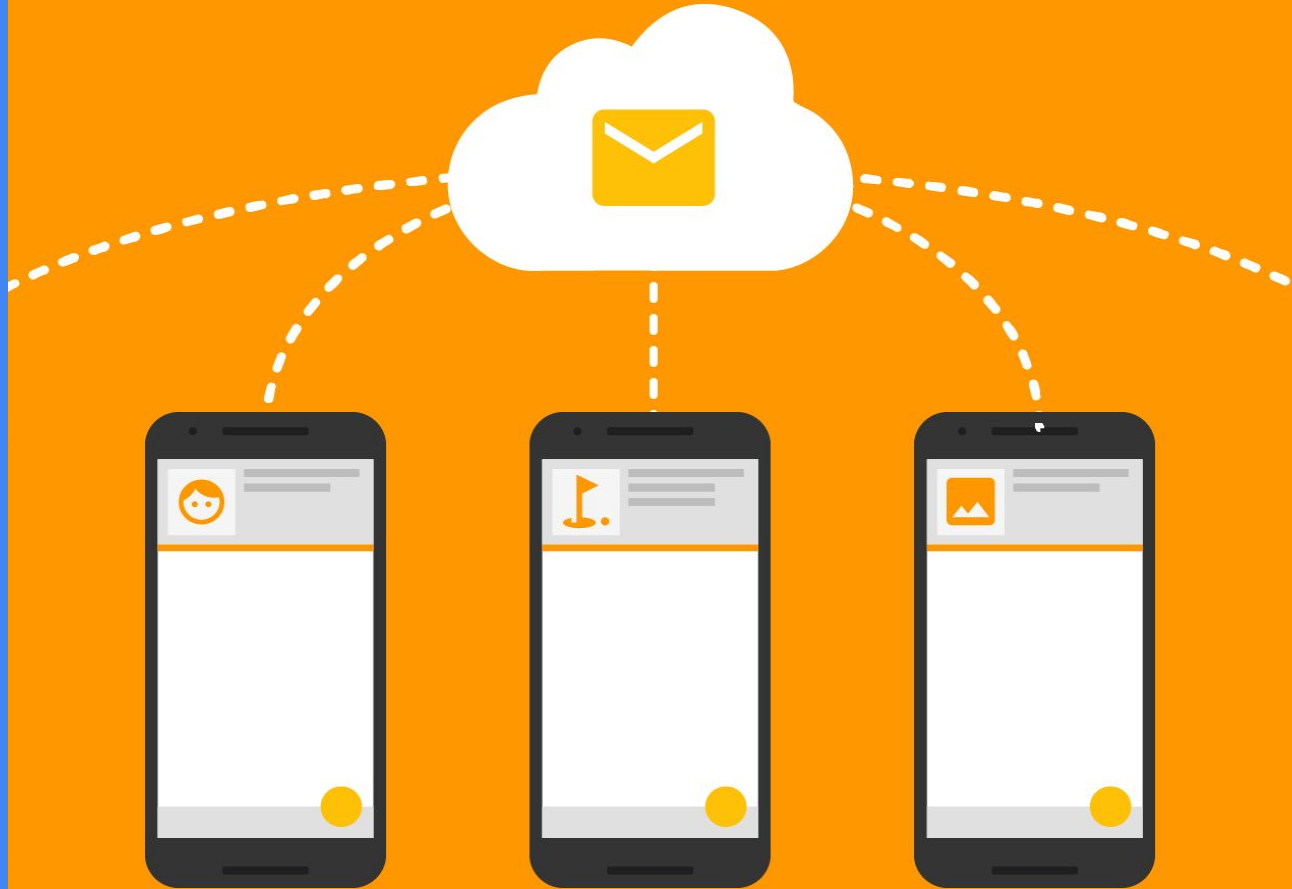- Crashlytics
- Cloud Messaging

Firebase Cloud Messaging

Allows for sending platform-independent messages and notifications with minimal battery consumption.

Cloud Messaging

Demo Application Walkthrough

1) Register an Android project with Firebase
2) Add Firebase config file/dependencies to Android project
3) Create Service to handle receiving FCM
4) Generate push notifications based on received FCM

TeamTalk : An Advanced Use Case

Facebook Messenger Copycat

- Text messaging
- Account system
- User search function