



TRUSTLOOK

大型移动安全云的构架实战

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Trustlook



Trustlook was founded in 2013 and is headquartered in San Jose, CA.

With over 18 million users of its Mobile Security app, Trustlook has become a global leader in next generation mobile security solutions, and has been named a leading application by AV-TEST, the foremost third-party antivirus rating firm.



Trustlook Mobile Security

- Device Security
- Data Security
- Network Security
- Payment Security



Trustlook Mobile Cloud Scan Platform

Reduces New Virus Detection from 200 Days to **1 Day**

Application Sample

20,000,000+

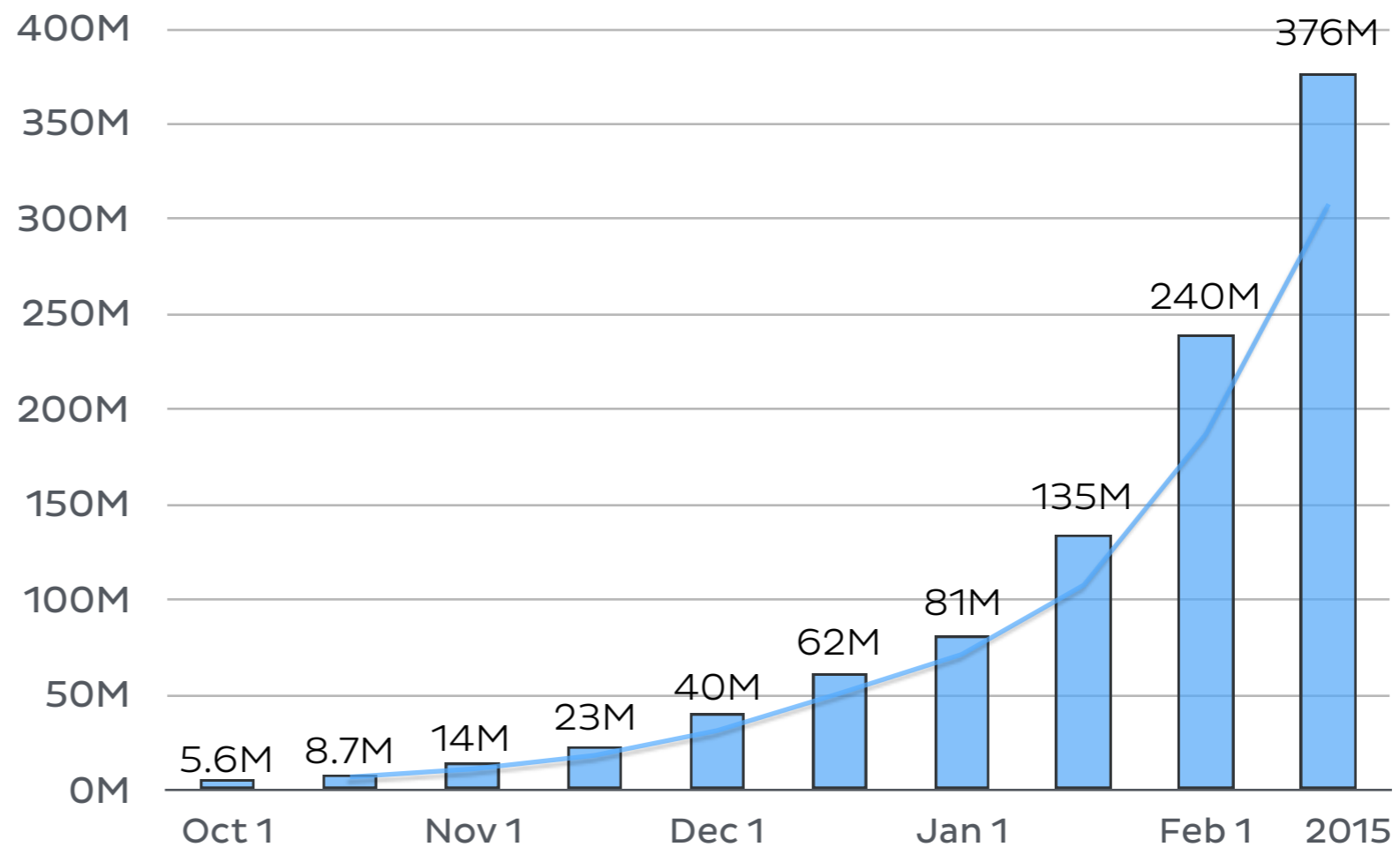
App Users

18,000,000+

SDK Users

200,000,000+

Trustlook AV Cloud Daily Reports

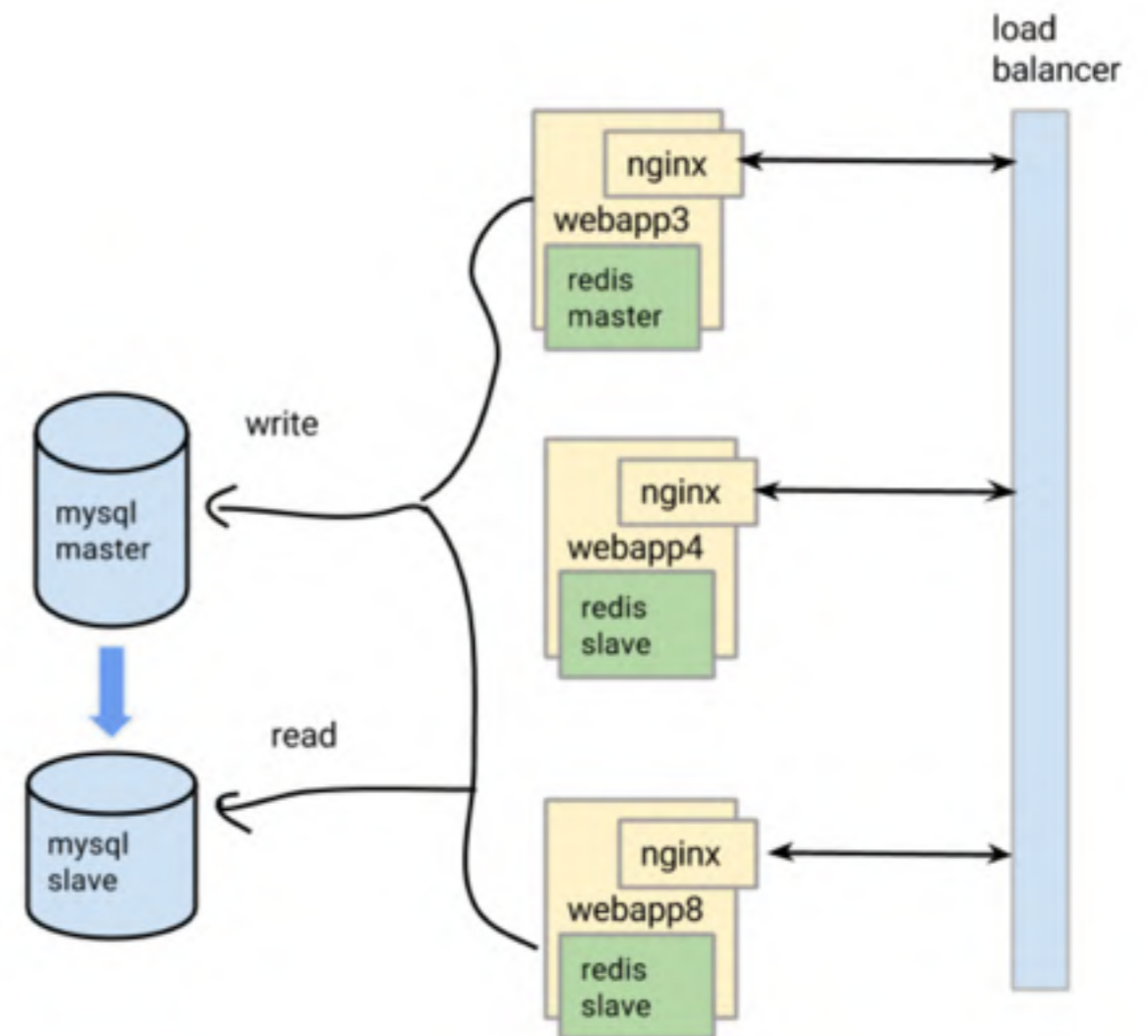


Source: Trustlook Internal

Solution 1.0 ('14)

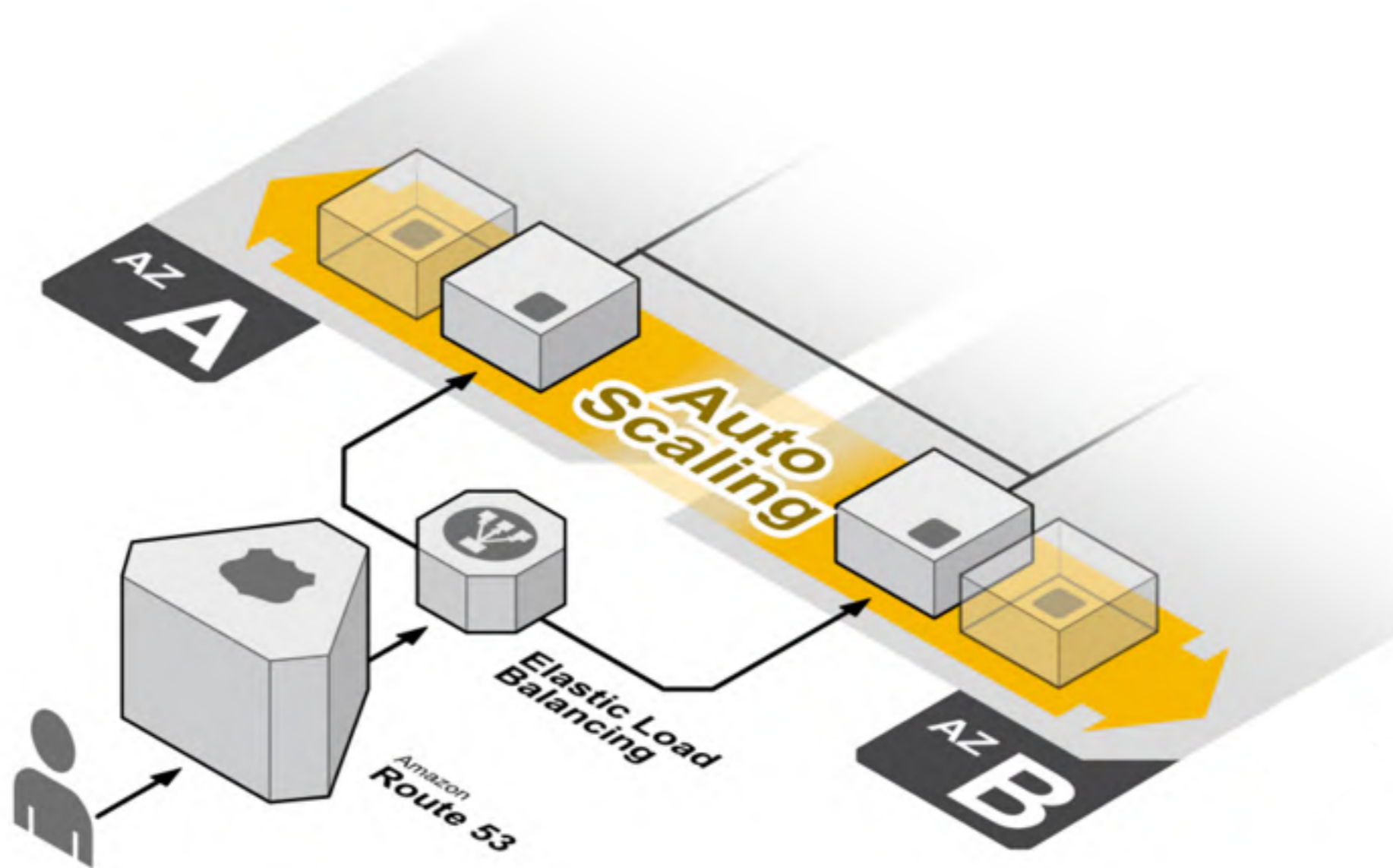
Based in Western America

- Query API roundtrip lapse too long
- Webapp CPU frequently heavy usage
- Analysis platform data is not refreshed instantly
- Server cluster capabilities are not maximized
- Cron jobs consumes lot of cpu time
- MySql performance monitoring
- Scale to multiple zones
- Intellectual property protection
- Coordination and integration of public cloud and private cloud



Solution 1.1 ('14)

Based in Western America

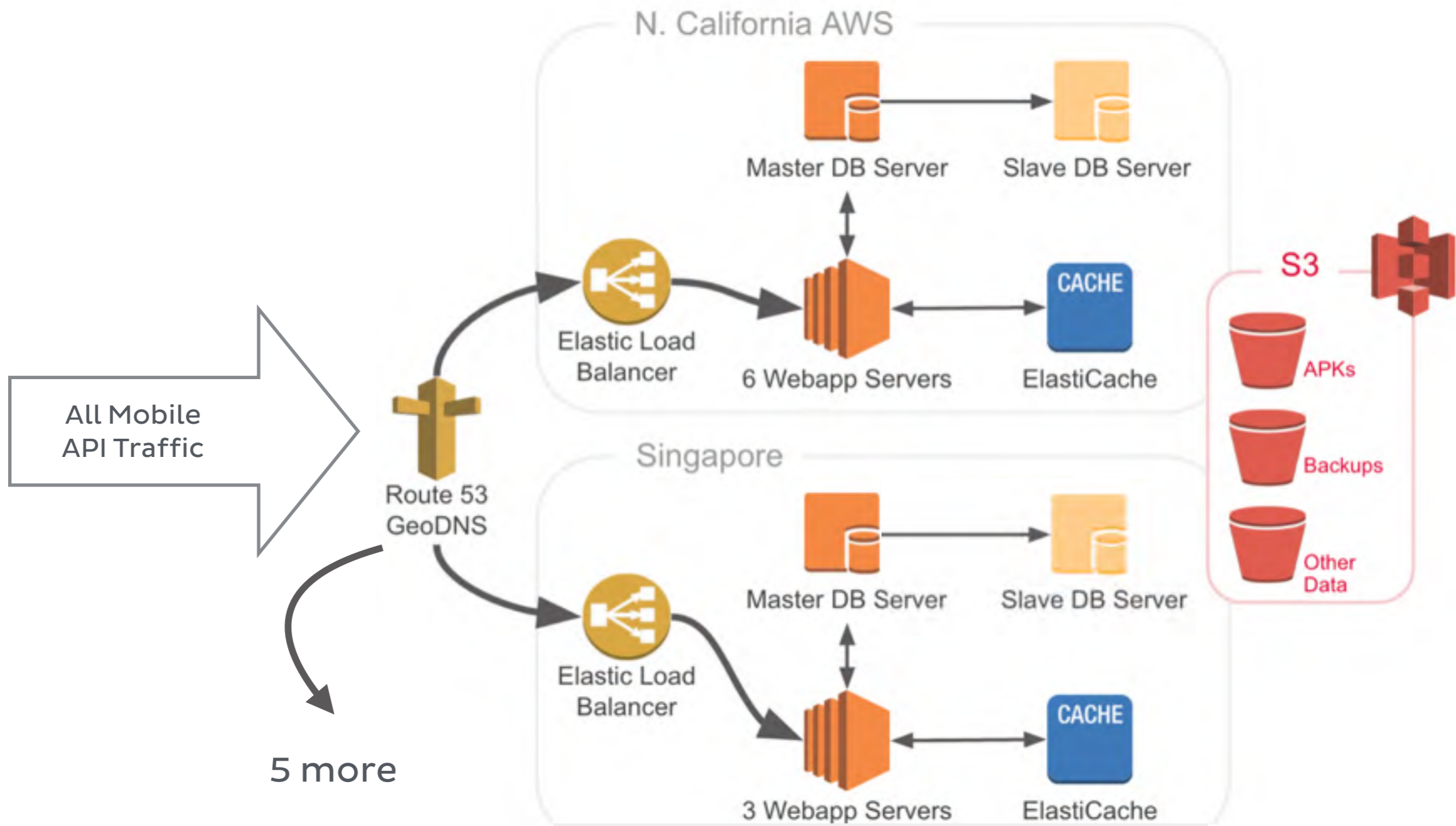




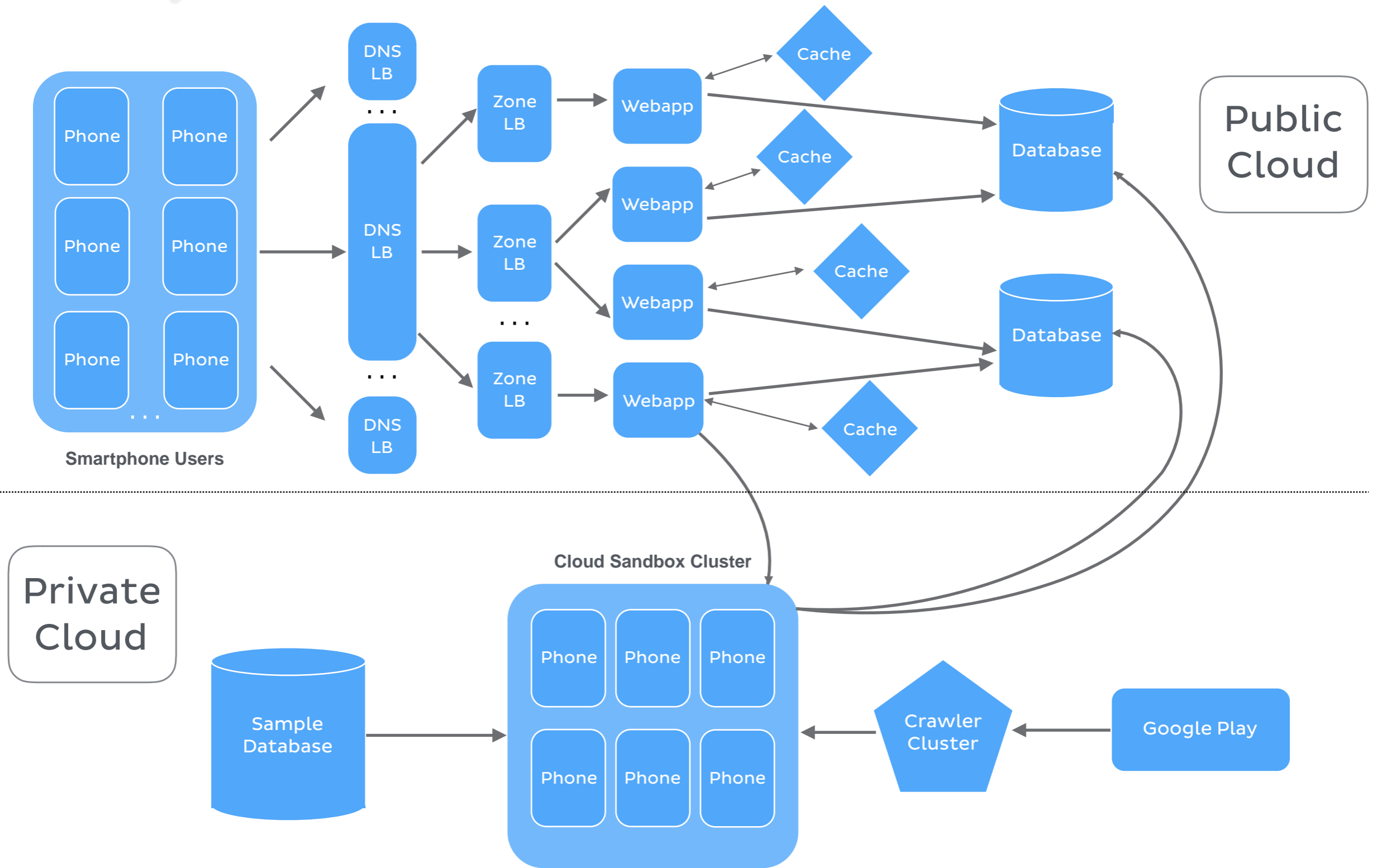
What we need

- Global distributed large volume users
- integration solutions of public cloud and private cloud
- Seamlessly SaaS application
- Global auto failover solution
- How to sync global distributed database
- Smart management global traffic

Solution 2.0 DNS-Database



Solution 2.0 Trustlook Cloud Architecture





Ultimate Solution

- Global distributed traffic system
- Integration of public cloud and private cloud
- Auto scale for web applications
- Auto failover in one data zone and cross data zone
- Realtime data collection v.s. raw log management
- Realtime data sync cross data centers



Thanks



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