Apigee Edge Advanced Analytics Services

Monitor app usage, performance, and crashes

Apigee Edge Advanced Analytics, also referred to as App Analytics, allows you to monitor the usage, errors and crashes, and performance of your apps so you can take corrective action before issues drive customers away and impact your app store ratings.

App Analytics includes data logging and visualization tools that let you monitor and analyze network performance, usage patterns, crash statistics, and other key metrics, giving you the data necessary to quickly manage performance issues.

- Monitor app usage by app versions, platforms, device models and OS versions
- Monitor API performance by network type, carrier, platforms, OS versions, and domain
- Monitor app errors and crashes by app versions, platforms, devices, and OS versions
- Diagnose root causes leveraging logs information

Monitor App Usage

App Analytics lets developers dig into the "what" and "where" of an application error or performance glitch by providing tools to view and analyze app usage metrics, allowing you to better isolate and fix the source of a problem. For example, you can compare the number of active sessions and users, or view how long (on average) users are using your app.
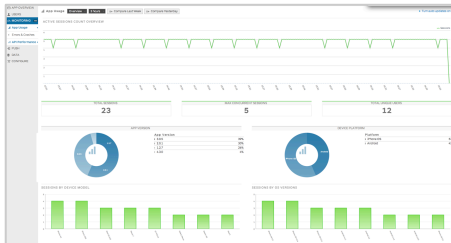

Fig. 1: Monitor app usage by app versions, platforms, devices, and OS versions

Monitor API Performance

App Analytics provides an overview of the number of requests made by your app, a count of errors, the response time for the requests, and also specific in-depth raw data on network performance. For instance, you can examine the network performance for specific carriers or network types

Fig. 2: Monitor API performance by network type and carrier

Monitor App Errors and Crashes

App Analytics displays data about app errors and crashes. When your app supports this feature, data collected from logged errors and crashes is displayed in graphical form in the admin portal. You can track trends in your app's performance and apply fixes as the need arises.

Fig. 3: Monitor app errors and crashes by app versions, platforms, devices, and OS versions

Diagnose Root Causes

App Analytics allows you to easily isolate root causes of errors and crashes and API performance issues through information captured in crash logs and API call logs.
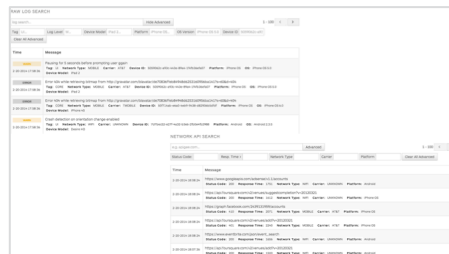

Fig. 4: Isolate root causes through crash logs and API call logs information

Implementation Services

Apigee professional services can help you maximize the value you derive from App Analytics by working closely with you to:

- Integrate the App Analytics SDK into your app.
- Train your engineering and business analyst teams to extract information from the dashboard such as API performance, crash statistics, and app usage metrics.
- Train your engineering team on configuring the SDK from the cloud portal to adjust app settings, as required.