Viewing Metrics With Appcelerator Dashboard

Archive note: all links have been disabled as their destinations and/or source locations no longer exist.

Last updated by Brian Immel on Sep 04, 2019

- Metrics Overview
    - UI and export notes
- Average Session Length
- Crashes
- Events
- Installs
- Mobile Backend Service Requests
- Push Notifications
- Runtime Services Requests
- Sessions
- Unique Devices
- Updates

Metrics Overview

The **Metrics Overview** screen displays several key metrics from the Analytics, Cloud, Performance, and Test services. These metrics aggregate data from all applications, deployment environments, and versions. To access the Metrics Overview screen, select the **Overview** tab on the Dashboard home page. Select a metric to open a details page for that metric or select a metric from the Metrics drop-menu to view details of the selected metric.

The following metrics are displayed (listed in order of commonly used UIs):

- **Active Sessions** - Number of users in your applications at the moment.
- **Sessions** - Total number of user sessions for your applications during the provided time range.
- **Average Session Length** - Average length of use of your applications during the provided time range.
- **Installs** - Total installs of your applications during the provided time range.
- **Updates** - Total updates of your applications during the provided time range.
- **Average Daily Unique Devices** - Average daily unique devices using your applications during the provided time range.
- **Crashes (crashes3)** - Total crashes of your during the provided time range.
- **Events** - Total number of events generated by your applications during the provided time range.
- **Mobile Backend Services Requests** - The total number of Mobile Backend Services requests made during the provided time range.
- **Push Notifications** - Total number of push notifications sent during the provided time range.
- **Runtime Services Requests** - Total number of Runtime Services requests made during the provided time range.

The displayed metrics can be filtered by the selected time period and environment. For information on selecting a time period or setting a custom time period, refer to the **Data Filter** documentation.

The **Metrics** drop-menu includes the following selections:

- **All Metrics** - Displays the overview of several key metrics.
- **Average Session Length** - Displays detailed average session length metrics.
- **Crashes (crashes3)** - Displays detailed crash information metrics.
- **Events** - Displays detailed event metrics.
- **Installs** - Displays detailed metric information for installations.
- **Mobile Backend Services Requests** - Displays detailed MBS requests metrics.
- **Push Notifications** - Displays detailed push notifications metrics.
- **Runtime Services Requests** - Displays detailed AMPLIFY Runtime requests metrics.

- **Sessions** - Displays detailed sessions metrics.
- **Unique Devices** - Displays detailed unique devices metrics.
- **Updates** - Displays detailed metric information for updates.
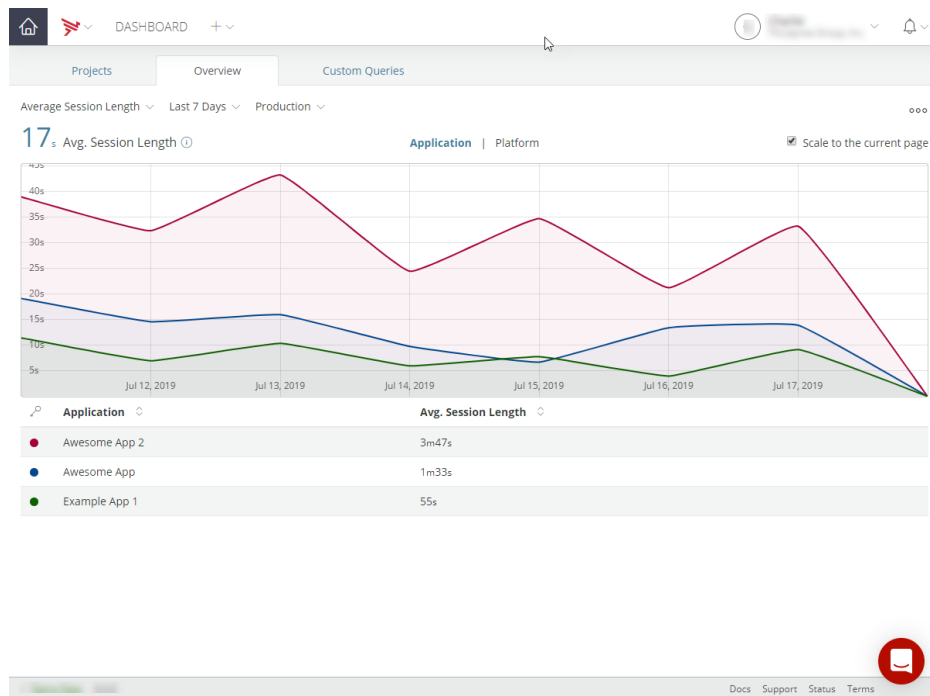
UI and export notes

In the following sections, each of the display metrics can be toggled on and off by clicking items on the table legend as our UI has an interactive interface designed to help you dive deeper into your metrics. You can also use the context menu (right-click anywhere on the table legend) to scale in and out of the metrics for a more detailed view. Each section has a context aware helper (found in the bottom right corner in the red circle) that provides helpful information and links to this and other related documents.

All metrics from each UI can be exported for use in external programs. See **Exporting Metrics** documentation for additional information.

Average Session Length

Average Session Length (ASL) is measured by the average amount of time spent per session. Appcelerator's Dashboard calcuates this value by dividing total time spent across sessions by the total number of sessions.
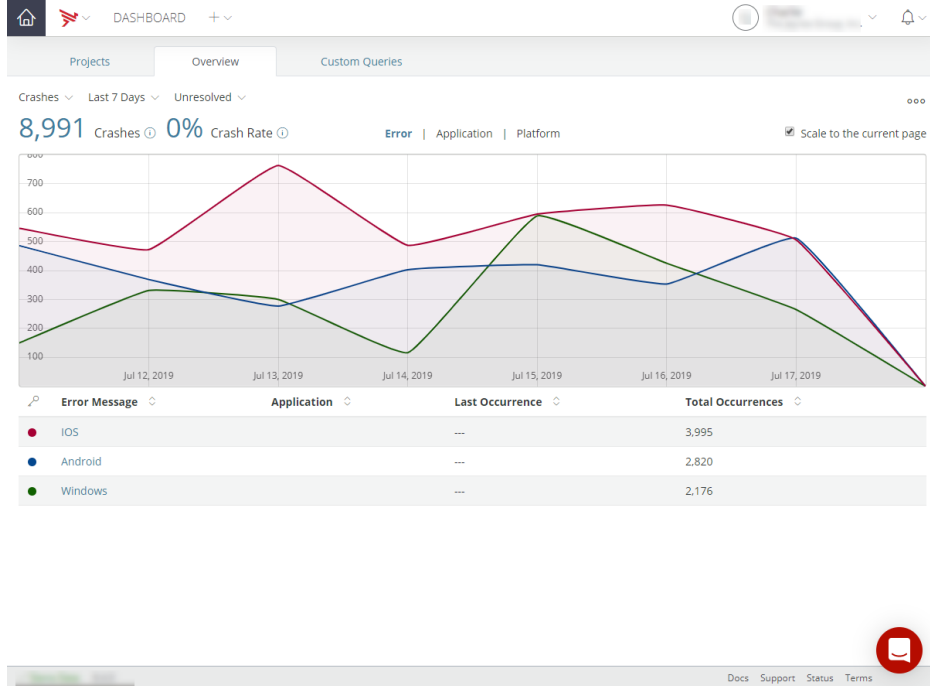
ASL selection displays detailed metrics on the average session length either by application or by platform for the selected time period, version, and environment.

Crashes

A crash can occur for any number of reasons. If the Crash Plugin is utilized with your app, the Appcelerator Dashboard reports the last log entry so your developers can investigate the cause of the crash (see Crash Logging for more details).
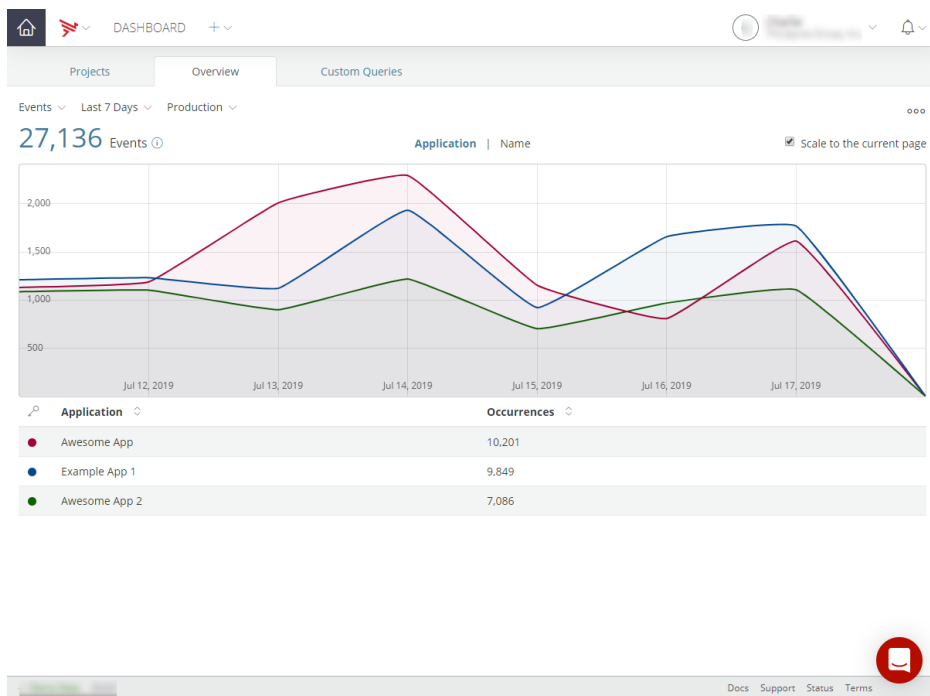
The **Crashes** selection displays the total number of crashes for your applications either by error, by application, or by platform for the selected time period and crash status (All Crashes, Pending, Resolved, or Unresolved).
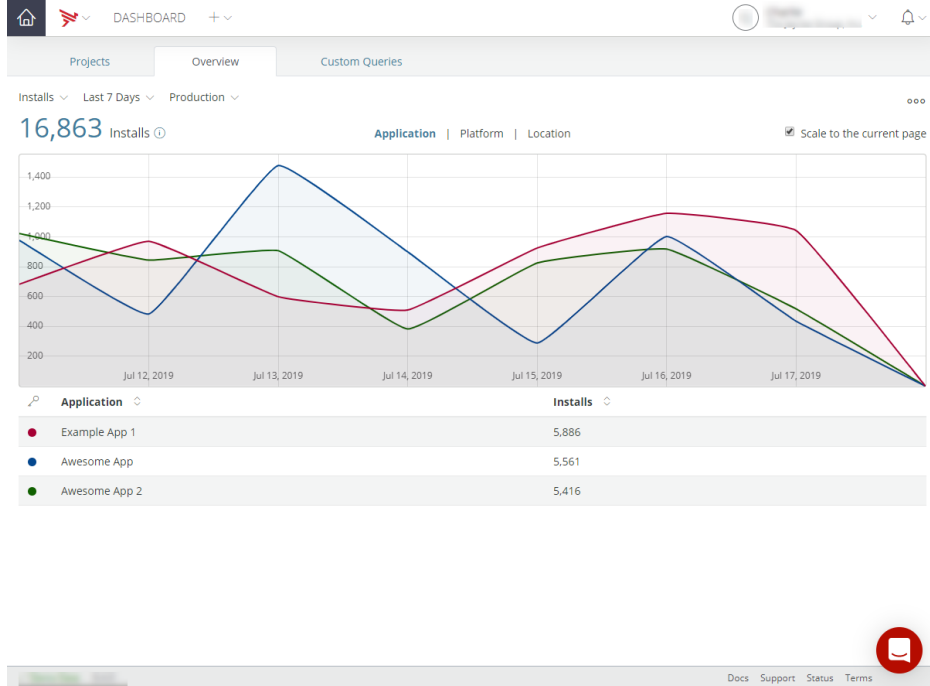
Events

Events are trackable activities your app includes in its services. For example, tapping an element on a mobile device, fetching data from the server, and closing the app are examples of an event.

The **Events** selection displays detailed metrics for event occurrences for the selected time period and environment either by application or by event name. The total number of events is also displayed.
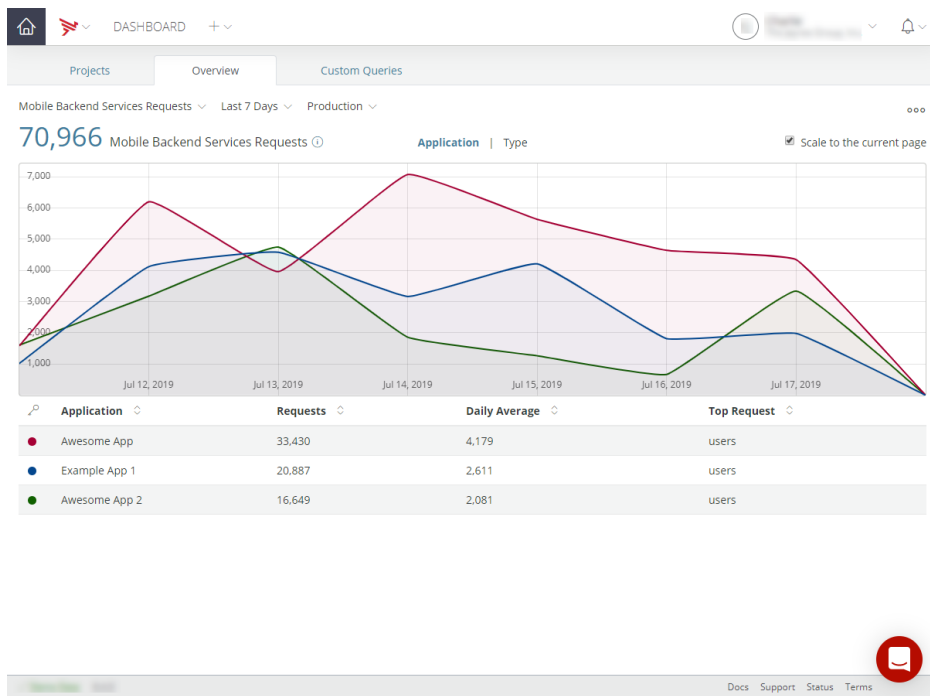

Installs

The **Installs** selection displays detailed metrics of the total number of installs of your applications during the provided time range either by application, by platform, or by geographic location for the selected time period and environment.
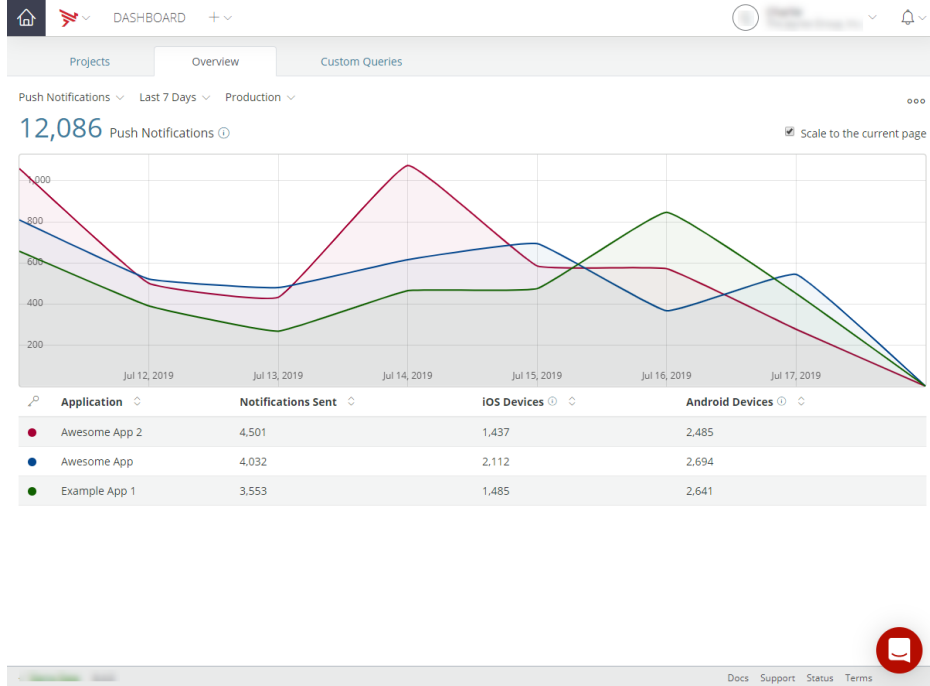
Mobile Backend Service Requests

The Appcelerator Dashboard can report any **Mobile Backend Service Requests** (MBSR) if your app uses this service.

The MBSR selection displays detailed metrics for the Mobile Backend Services requests either by application or by application type for the selected time period and environment.
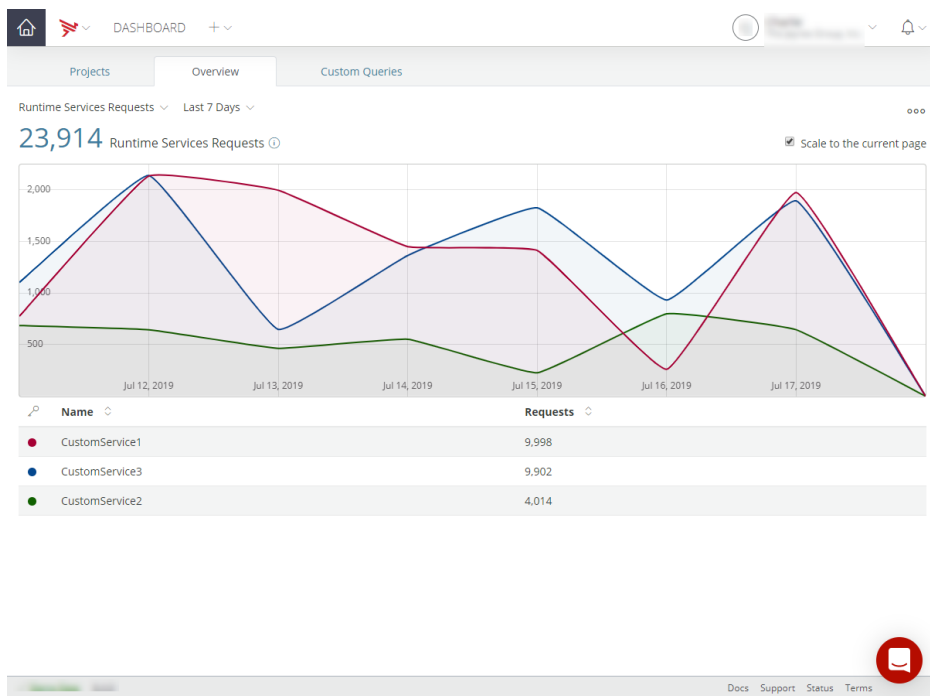

Push Notifications

Push Notifications are messages sent to a user's device to inform them even when the app isn't active. Your app may utilize this feature and if it does, the data is recorded and shown in the **Push Notifications** section where you will find detailed metrics for a selected time period and environment.

Runtime Services Requests

A **Runtime Services Requests** (RSR) is recorded when the runtime is initialized, has created a new session, or provides access to the connection manager and application.
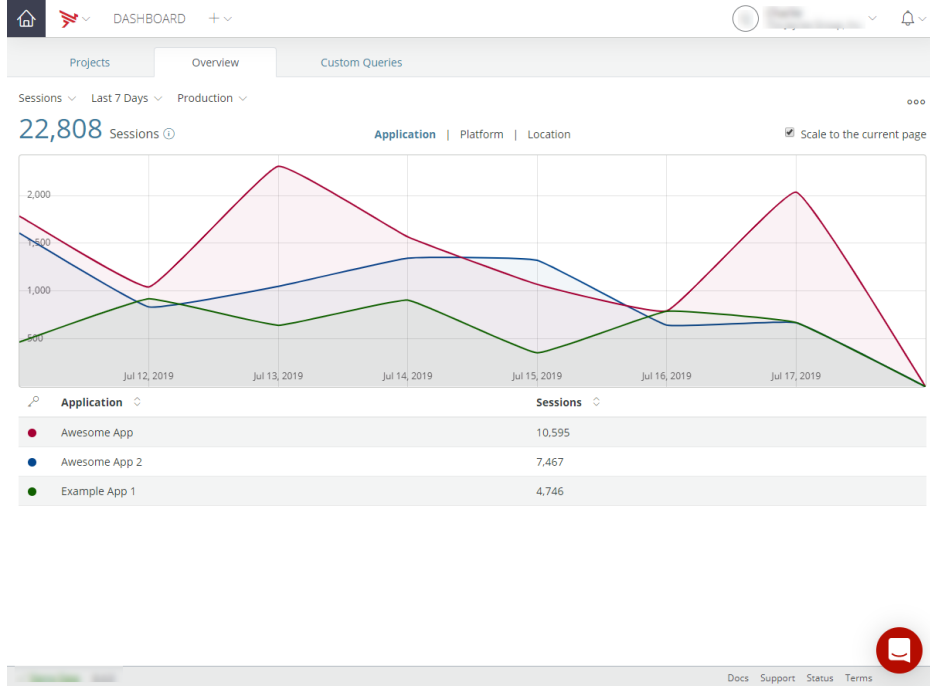
The **Runtime Services Requests** selection displays detailed metrics for AMPLIFY runtime requests for the selected time period.
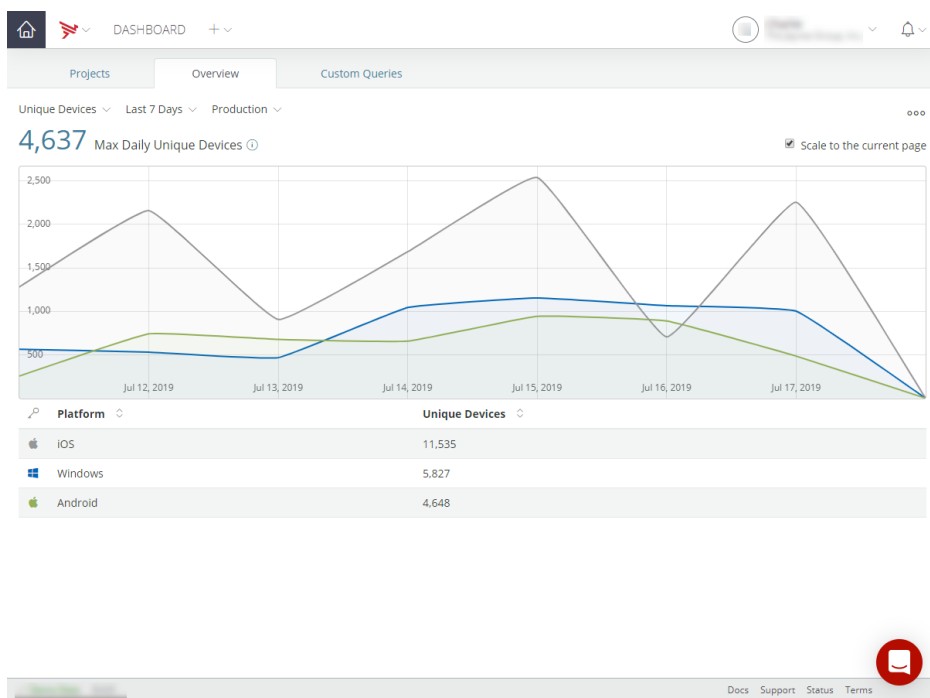

Sessions

A **session** is when the app is active or inactive (running in the background). Data collection ends when the app is completely closed or crashes.

The **Sessions** selection displays the total number of user sessions for your applications either by application, by platform, or by geographic location for the selected time period and environment.

Unique Devices

The **Unique Devices** selection displays detailed metrics on maximum daily unique devices using your applications for the selected time period and environment.

Updates

The **Updates** selection displays detailed metrics of the total number of updates of your applications during the provided time range either by application, by platform, or by geographic location for the selected time period and environment. To toggle on and off displayed metrics information in the chart, click the on the item in the table legend.

Projects | Overview | Custom Queries

Updates ⌄   Last 7 Days ⌄   ○○○

12,958 Updates ⓘ   Application | Platform | Location   ☑ Scale to the current page

🔎	Application ⇅	Updates ⇅
🔴	Awesome App	4,659
🔵	Example App 1	4,216
🟢	Awesome App 2	4,083