

Network Request Analyze

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Mobile RUM collects data on every network request that you have instrumented, and it also takes detailed snapshots periodically in case performance issues have been detected.

Based on network request performance data, Mobile RUM calculates metrics which are associated with each network request and with predefined aggregations across network requests. You can focus on certain aspects of the performance data using more specific or flexible criteria, such as all network requests from a specific country *and* originating from a specific carrier.

With **Analyze**, every single network request event is collected and stored by the AppDynamics Events Service. Using **Analyze**, you can see results based on this cumulative data.

The **Analyze** page is made up of two tabs:

- [Records](#)
- [Charts](#)

Records

The **Records** tab lets you scan individual requests and allows you to filter and sort to get exactly the data set in which you are interested.

The screenshot shows the 'Analyze' page in the 'Records' tab. At the top, there's a search bar and a 'last 3 hours' filter. Below that, a bar chart displays request volume from 3:15 PM to 6:00 PM. A table below the chart lists individual requests with columns for Timestamp, Page Name, Page Type, Device, Browser, Country, Region, Device OS, and Page Experience. A 'Fields' sidebar on the left allows selecting fields to view, such as IP Address, Page Experience, Page Name, Page Type, Parent Page URL, and URL. A 'Performance Times' section is also visible. Callouts point to various UI elements: 'Select and view saved searches.' (top search bar), 'Manage searches.' (top right), 'Filter results.' (filter bar), 'View details of selected item.' (table row), and 'Select fields to view.' (fields sidebar).

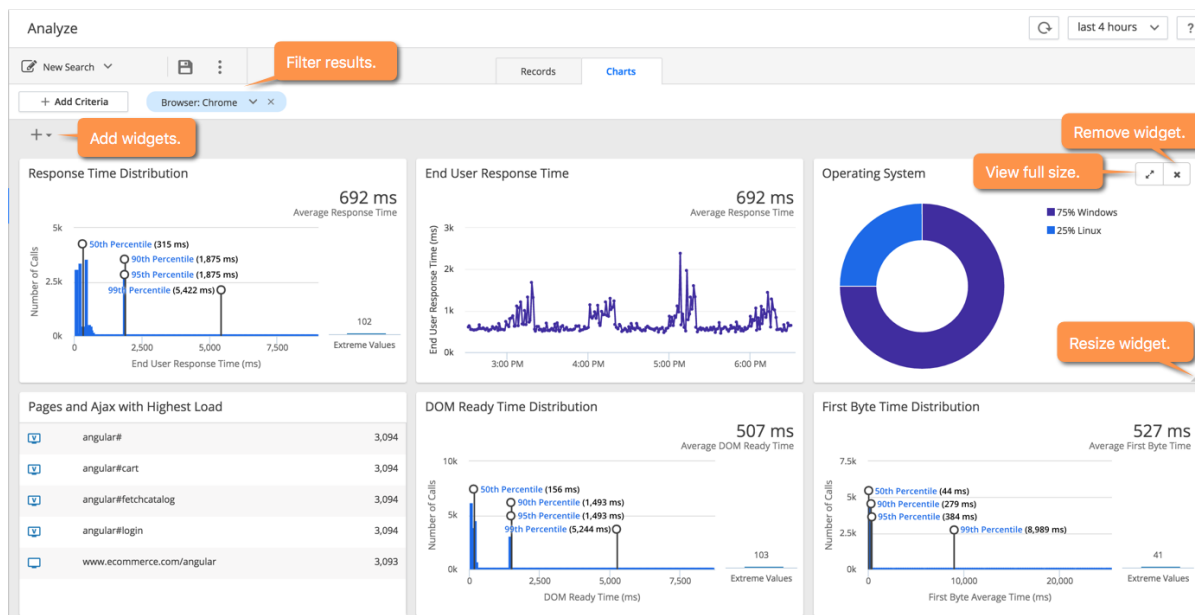
Fields	Timestamp	Page Name	Page Type	Device	Browser	Country	Region	Device OS	Page Experience
<input type="checkbox"/> IP Address	12/15/16 6:00:51 PM	www.ecommerce.com/angular	Computer	Computer	Internet Explorer	Mexico	Mexico City	Windows	✓
<input checked="" type="checkbox"/> Page Experience	12/15/16 6:00:49 PM	www.ecommerce.com/store	Computer	Computer	Internet Explorer	Romania	Bucharest	Windows	✓
<input checked="" type="checkbox"/> Page Name		www.ecommerce.com/store/viewitems.action	Computer	Computer	Chrome	Romania	Bucharest	Windows	✓
<input checked="" type="checkbox"/> Page Type		www.ecommerce.com/store/viewcartlconfirmorder.action	Computer	Computer	Internet Explorer	Japan	Hokkaido	Windows	✓
<input type="checkbox"/> Parent Page URL		www.ecommerce.com/store/viewcartladdress.action	Computer	Computer	Firefox	Czech Republic	Prague	Windows	✓
<input type="checkbox"/> URL		www.ecommerce.com/store/viewcartlpaymentinfo.action	Mobile & Tablets	Mobile & Tablets	iOS Mobile	Spain	Madrid	iOS - iPhone	✓

Click **View Details** to see the information for a specific request.

Summary		
Mobile App Name com.appdynamics.eum.test.apps.PictureSharingApp	Network Request Name myapp.com/sendmessage/275	
Mobile App Version 2.0		
User Experience Normal	Network Request Time 181 ms	HTTP Status Code 200
Timestamp 11/21/16 5:51:17 PM		
Platform iOS	OS Version iOS 5.1	
Carrier AT&T	Connection Type 3g	
Country Brazil	Region Unknown	
Device iPad 2 WiFi		
Request GUID 64c20f6e-ef0b-4b9a-9841-f98a064d279e		
User Data multiTextFieldType=String -> long multiTextField=Long -> 334		

Charts

The **Charts** tab provides you with a set of predefined widgets that offer visualizations of the data set you have created. You can delete, re-add, re-size, and drag-and-drop to move all of the widgets.



Mobile RUM Network Request Analyze Versus Mobile Requests Analytics

The data shown in the **Analyze** page is processed and stored by the AppDynamics Platform Events Service. The **Charts** tab displays a set number of widely used visualization types to let you explore your application's performance. A separate product, AppDynamics Mobile Analytics, has components called Mobile Requests and Mobile Crash Reports. These components are based on the same Events Service and use the same data, but offer additional capabilities, including:

- additional predefined widgets, such as the funnel widget
- ADQL for searching the data
- creating custom widgets

- manipulating multiple dashboard types
- longer retention time for storing data

AppDynamics Mobile Requests Analytics requires a license separate from the Mobile RUM license.