

SOASTA 54.2.0 (mPulse 7562.13.110)

Mar 6, 2015

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SOASTA 54.2.0 (mPulse 7562.13.110)

Features

mPulse User Experience Improvements

This mPulse release introduces a new look-and-feel to the mPulse Central user interface.

New Login Page with Resource links

Changes to the mPulse look begin with the Login page itself, which has new background colors and includes new, additional links for Resources, CloudLink Forum, and Support as well.

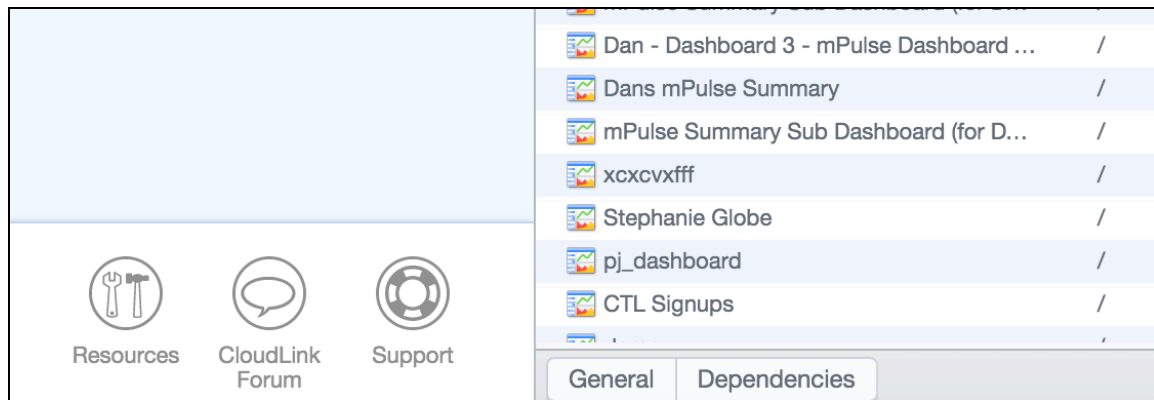


TIP: This Resources page can also be viewed once you're logged in. Users should note that the mPulse-specific Resources replaces the Welcome page found in prior releases, which mPulse shared with all other SOASTA products.

Resources provides links to downloads, background information, and instructional material that all mPulse users should note and review.



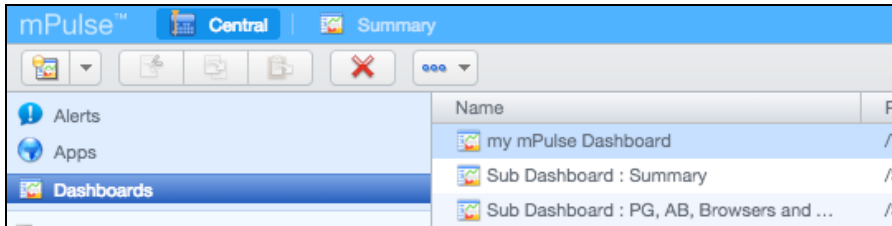
Once you're logged in, you can find the Resources, CloudLink Forum, and Support links (shown above) at the bottom of the navigation tree in mPulse Central (shown below).



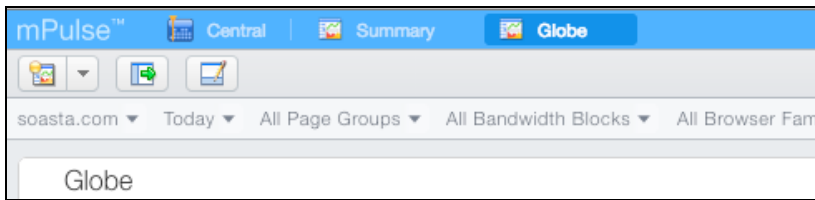
New mPulse Navbar

Rather than the tabs found in all prior releases and shared in common with other SOASTA products, mPulse now sports a new blue Navbar that encloses all tabs and top-level dropdowns.

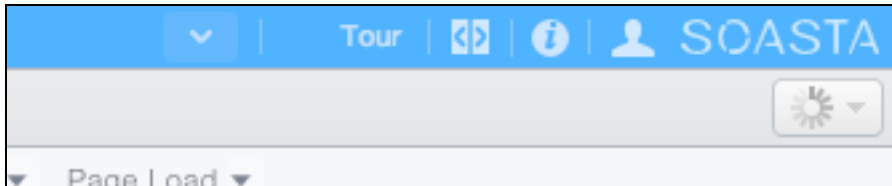
For example, in the screenshot below, the default tabs are open: Central (always present and always in first position) and the default Summary system dashboard.



Additional dashboards will appear at the rightmost position in order.

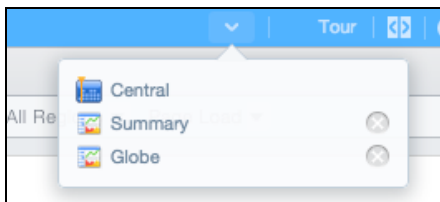


At the far right of the new mPulse Navbar, users will find some new and some reorganized content.



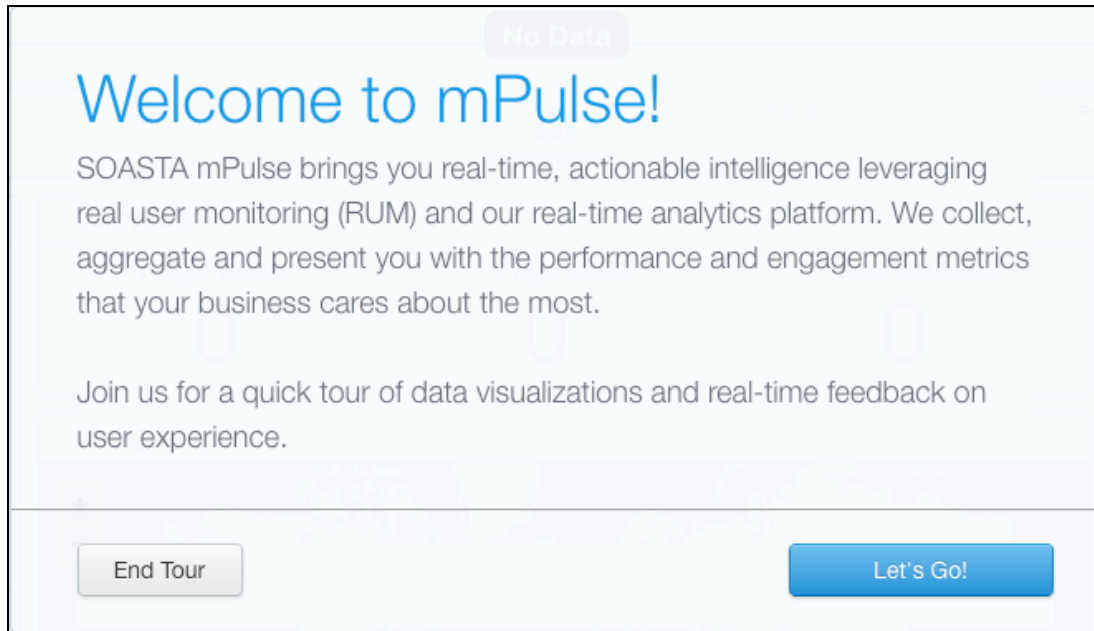
Tabs drop down

The Tabs dropdown (shown below) will show all open tabs. With the exception of Central, clicking the Close icon here can close each of these. This is useful in cases where the number of open tabs exceeds the display space.



New mPulse Tour

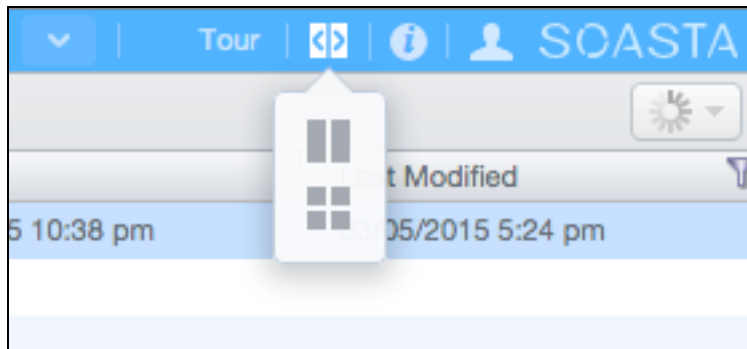
Tour is a concise, interactive in-product tour that gives users a taste of the power of our dashboards.



Click Tour and then Let's Go!, in order to familiarize yourself with mPulse dashboards in a new way.

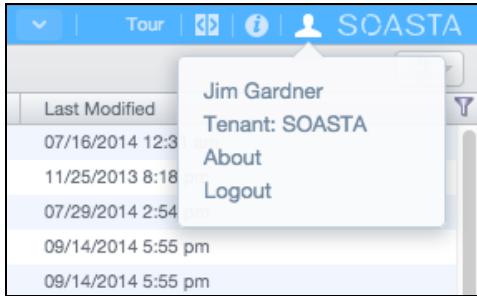
Flip Book Mode dropdown

Click the Flipbook drop down and choose 2 Up or 4 Up in order to easily view multiple tabs at a time.



New Users drop down

This new drop down combines the Tenant and User identities found in the prior release into a single dropdown.



This dropdown identifies the current user, current tenant, as well as providing a link to the About page, and Logout.

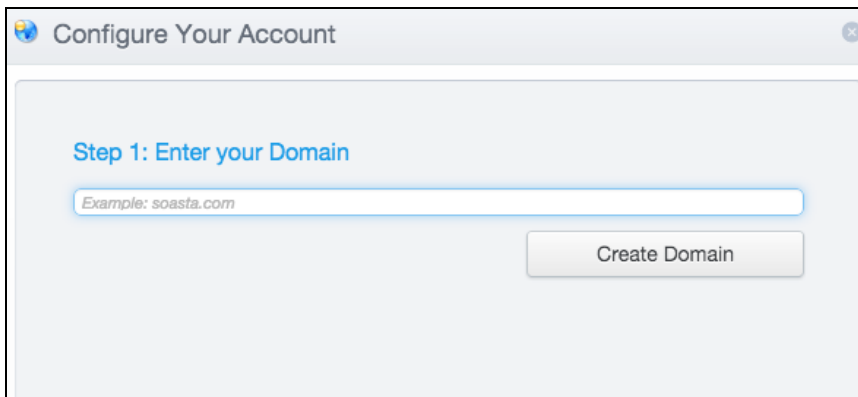
New App Setup Wizard

In prior releases, App Configuration steps required the user to manually fill out a variety of Configure Apps box tabs in addition to whatever steps were taken to deploy SOASTA JavaScript to the web.

In this release, a new user-friendly App Wizard will guide new users through the most essential steps.

Step 1: Domain

The first step in creating a Web App in mPulse is, of course, specifying the domain to use.



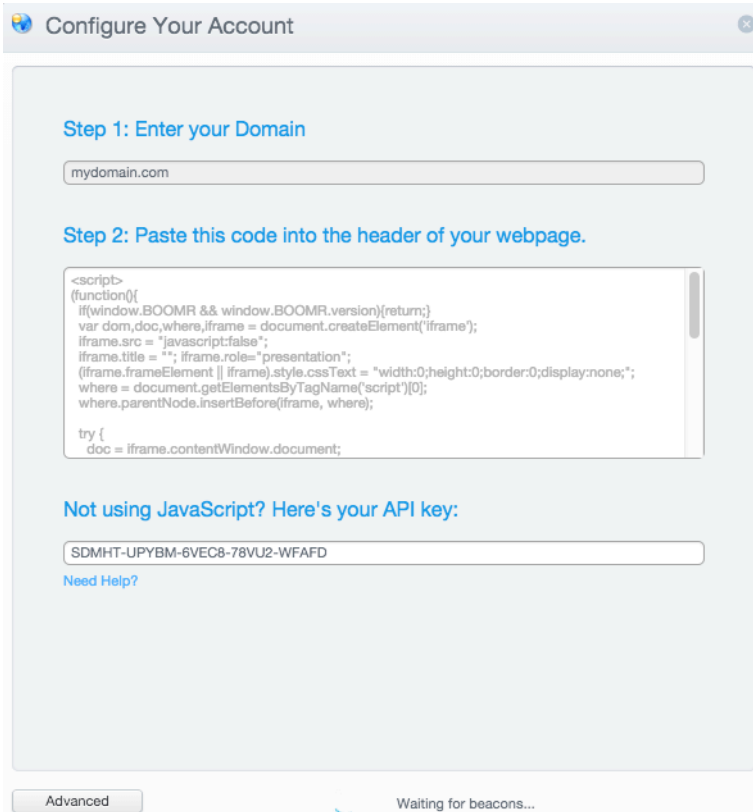
Configure Your Account

Step 1: Enter your Domain

Example: soasta.com

Create Domain

- Enter the domain to use and then click Create Domain



Configure Your Account

Step 1: Enter your Domain

mydomain.com

Step 2: Paste this code into the header of your webpage.

```
<script>
(function(){
  if(window.BOOMR && window.BOOMR.version){return;}
  var dom,doc,where,iframe = document.createElement('iframe');
  iframe.src = "javascript:false";
  iframe.title = ""; iframe.role="presentation";
  (iframe.frameElement || iframe).style.cssText = "width:0;height:0;border:0;display:none;";
  where = document.getElementsByTagName("script")[0];
  where.parentNode.insertBefore(iframe, where);

  try {
    doc = iframe.contentWindow.document;
```

Not using JavaScript? Here's your API key:

SDMHT-UPYBM-6VEC8-78VU2-WFAFD

[Need Help?](#)

Advanced

Waiting for beacons...

When you do so, the remaining wizard fields appear.

Step 2: Paste this code into the header of your web page

- Select the JavaScript code that appears in the Step 2 field into the HEAD of your web page (and any other pages from which to collect beacons). This code includes your unique API Key.
- Click "Need Help?" to review crucial

API documentation that details how to integrate with the REST API for the web.

Note: You can click Advanced at any time after Step 1 (or if you've opened an existing App from Central) to see all of the tabs for your app including: General, Beacons, Page Groups, Metrics, and Timers.

Configure Web App

General Beacons Page Groups Custom Metrics Custom Timers

Type: Web App

Name:

Domain: mydomain.com

A/B (bucket) tests variable name:

Development Server List:

Session Timeout: (minutes, maximum of 60)

API Key: Show JavaScript

Enable bandwidth test

Images location:

Sampling Percentage: %

Disable Bandwidth Testing for Mobile User-Agents

OK Cancel

SOASTA 54.1.5 (mPulse 7562.13.82)

Bugs Fixed

This update includes the following **bug fixes**:

- 89126: API: Can't filter on Custom Timer names
- 89124: API: Can't filter on user-agent

SOASTA 54.1.4 (mPulse 7562.13.79)

Bugs Fixed

This update includes the following **bug fixes**:

- 89503: A/B Test filter incorrectly interprets the NONE value
- 88390: OS showing as 'unknown' for many mobile beacons
- 86195: Requests for 100th Percentile throws an NPE
- 86189: Alerts don't fire on daily basis as configured
- 85608: Null Pointer Exception while using the A/B Test filter
- 85790: Null Pointer Exception

SOASTA 54.1.3 (mPulse 7562.13.70)

Bugs Fixed

This update implemented improvements to our system to enable new features for customers.

SOASTA 54.1.2 (mPulse 7562.13.68)

Bugs Fixed

This update implemented changes to the mPulse beacon collector grid.

SOASTA 54.1.1 (mPulse 7562.13.66)

Bugs Fixed

This update includes the following **bug fixes**:

- 88247: Japanese character corrupts in mPulse alert email
- 88371: Using page-groups in API without "format=json" parameter will always return "500 internal server error"

SOASTA 54.0.7 (mPulse 7562.13.33)

Bugs Fixed

This update includes the following **bug fixes**:

- 87936: mPulse Main refusing connections
- 87620: There is no way to get custom metric data using API
- 85372: mPulse json response adds escape characters for double quotes

SOASTA 54.0.6 (mPulse 7562.13.25)

Bugs Fixed

This update also includes the following **bug fixes**:

- 87544: Filter show with items deselected including All, for specific widget
- 87496: Can't interact with globe buttons in built-in showcase dashboard
- 87335: Network error list should be domain-specific
- 87144: Widgets unaligned
- 87116: Page Load Time vs. Backend Time Broken in Showcase dashboard
- 85771: Dashboard: Top N table header columns misaligned
- 81299: ArrayIndexOutOfBoundsException

SOASTA 54.0.5 (mPulse 7562.13.21)

Bugs Fixed

This update includes the following **bug fixes**:

- 87034: Inactive custom timers/metrics are allowed to be used as criteria in alerts
- 87033: 'Any/All' condition selection doesn't persist properly when dialog box is closed and reopened
- 87032: Cannot execute test of alert recipients
- 87228: mPulse Custom Metrics display checkboxes that should be hidden
- 86965: Switching timer over time to back-end timer requires multiple attempts
- 86911: Network error codes sorted in logical way

SOASTA 54.0.3 (mPulse 7562.13.10)

Bugs Fixed

This update implemented changes to our infrastructure to address stability and performance.

This update also includes the following **bug fix**:

- 86026: Alerts - "Date Triggered" filter doesn't work

SOASTA 54.0.2 (mPulse 7562.13.7)

Bugs Fixed

This release includes the following **bug fixes**

- 86748: Corrupt data in historical OS and Browser widgets
- 86723: Browsers show 'Mobile Safari/.NONE'
- 86656: NetworkErrorCode does not show up in widget-specific filter for lower panel

SOASTA 54.0.1 (mPulse 7562.13.3)

Bugs Fixed

This release includes the following **bug fixes**

- 85771: Dashboard: Top N table header columns misaligned
- 86397: On image generation failure, two alerts are generated
- 86578: Dashboard: Main not showing page group

SOASTA 54 (mPulse 7562.13)

Features

mPulse™ 54 introduces the ability to utilize multiple **DataStores** (each running a PostgreSQL database) on a separate instance from the instance that runs the **DataService**. mPulse elasticity at the data layer gives us two important capabilities:

1. More space to store all of the aggregates of the beacons we're collecting. As each DataStore fills up, we can split it n ways (at runtime), then we only need to keep 1/n the data in each DataStore.
2. mPulse is already sharding data by day and domain, and now each customer's data will be striped across all the available DataStores. This dramatically improves large queries' performance. On the replica environment we tested on before deploying this version, loading a dashboard for the last 30 days (1.5 Billion beacons) went from 4 minutes (production, running 53 with 1 DataStore) to 15 seconds (replica, running 54 with 4 DataStores).

Bugs Fixed

This release also includes the following **bug fixes**:

- 85703: Change tenants shows login screen sometimes
- 85536: Email filter criteria doesn't work in mPulse 53
- 85066: Drop down text garbled (at the widget level filter bar)
- 84854: Uncaught TypeError: Cannot read property 'customMetricsFilteredByDate' of null; JS line 93
- 84657: CSV Export - Performance v. Volume Widget Format Incorrect
- 81987: Some email alerts are sent without images
- 85748: Object expected