Aws-Cloudwatch-Rum

Demo by

Bala

Agenda

- 1. what is rum
- 2.why we used rum
- 3.benfits
- 4.how to configure rum
- 5. pricing details of rum

What is Rum

- monitoring web applications with the goal of understanding performance and providing an optimal experience for your users.
- Because of the number of variables involved:

  1.browser type,

  2.browser configuration,

  3.user location,

  4.connectivity

Benfits :

- Amazon CloudWatch RUM will help you to collect the metrics that give you the insights that will help you to identity, understand, and improve this experience.
- You simply register your application, add a snippet of JavaScript to the header of each page, and deploy. The snippet runs when your users step through each page of your application, and sends the data to RUM for consolidation and analysis

Available & billing

- CloudWatch RUM is available now and you can start using it today in ten AWS Regions: US East (N. Virginia), US East (Ohio), US West (Oregon), Europe (Ireland), Europe (London), Europe (Frankfurt), Europe (Stockholm), Asia Pacific (Sydney), Asia Pacific (Tokyo), and Asia Pacific (Singapore).

- You pay $1 for every 100K events that are collected.

CloudWatch > RUM

RUM overview

Overview | List view

Optimize your end user experience

Get visibility into your application's reliability, performance, and end user satisfaction.

Add your application to get started with Cloudwatch RUM.

Add app monitor

Getting started with CloudWatch RUM

Monitor how your end users experience the performance and reliability of your application.

Step 1. Add app monitor

Add your application and get a JavaScript snippet to paste into the header of your application.

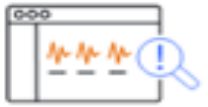
Add app monitor

Step 2. Paste snippet

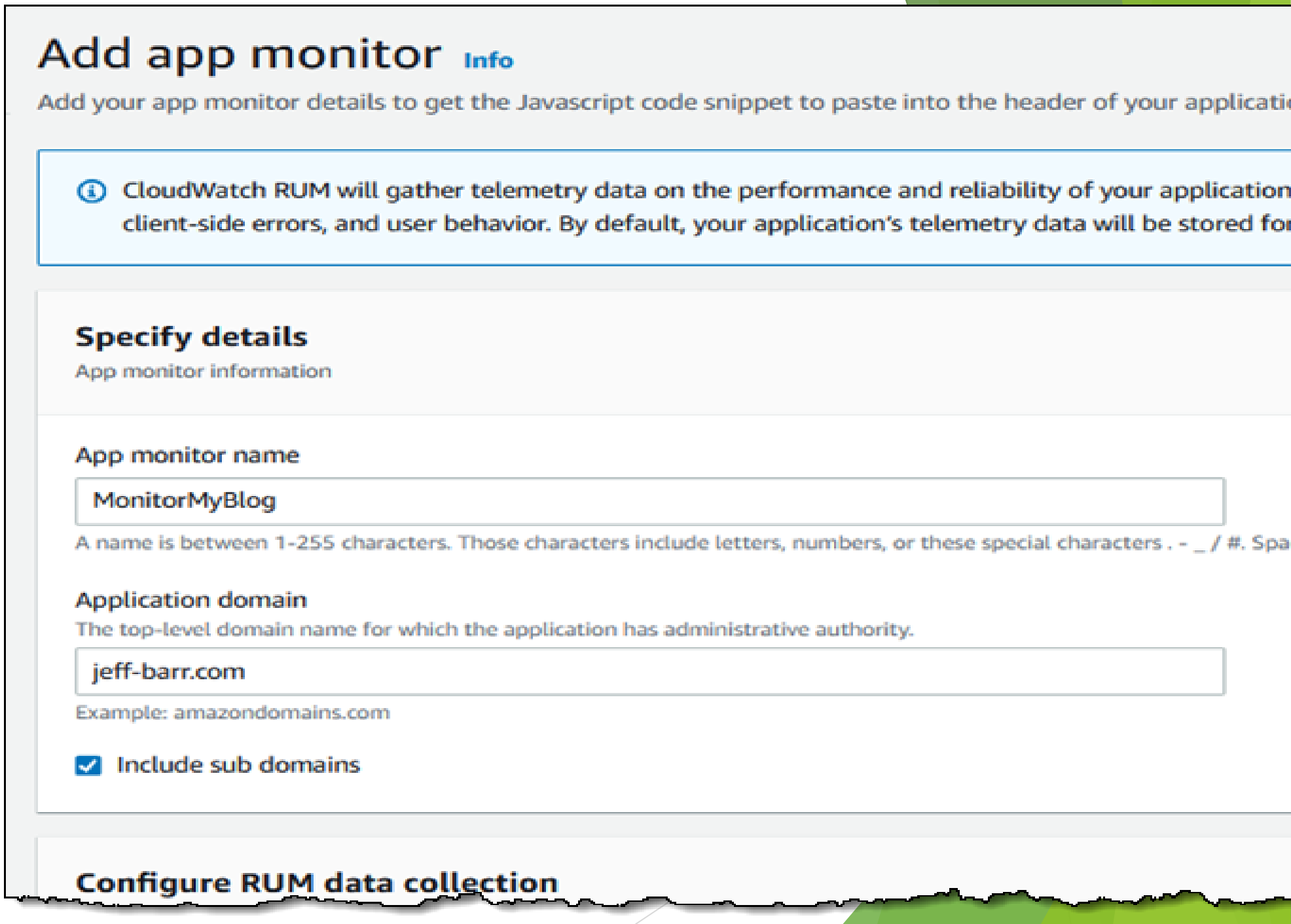
Paste the JavaScript code snippet into the header of your application.

</> Requires work outside of RUM

Step 3. Monitor & troubleshoot



Monitor for performance, page load speeds and errors across user sessions.


Add app monitor Info
Add your app monitor details to get the Javascript code snippet to paste into the header of your applicati
CloudWatch RUM will gather telemetry data on the performance and reliability of your application
client-side errors, and user behavior. By default, your application's telemetry data will be stored fo
Specify details
App monitor information
App monitor name
MonitorMyBlog
A name is between 1-255 characters. Those characters include letters, numbers, or these special characters . - _ / #. Spa
Application domain
The top-level domain name for which the application has administrative authority.
jeff-barr.com
Example: amazondomains.com
Include sub domains
Configure RUM data collection

Code snippet Info

To send data from your site to CloudWatch RUM service, you need to paste the code snippet inside the <h
application, above any other <script> tags.

The web client, downloaded and configured by the Javascript code snippet, uses cookies (or similar
collect end user data. Before using the code snippet, please see Data Privacy and Data Protection i
RUM. Learn more

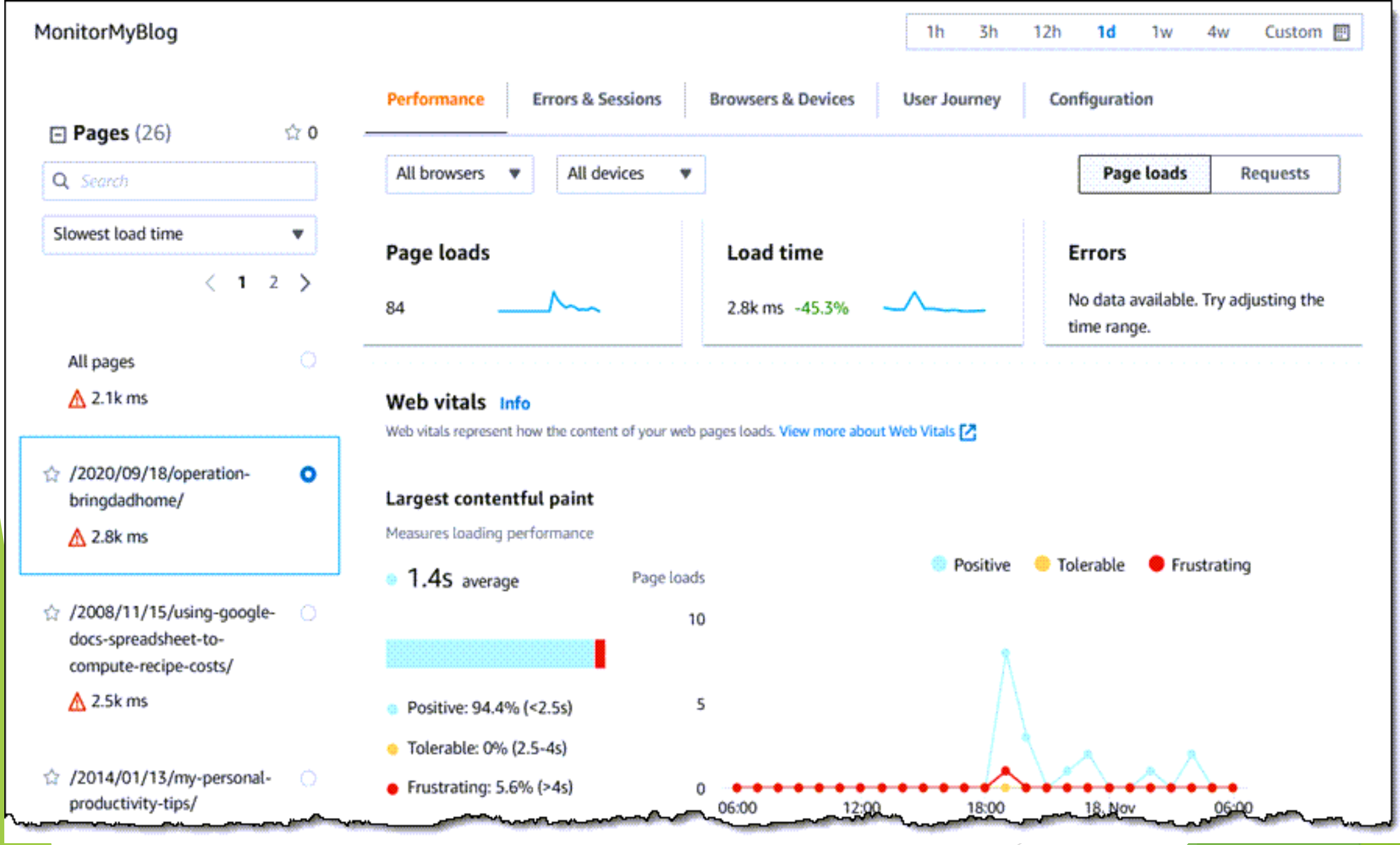
JavaScript code snippet

Paste this code into the header of your application.

Copy to clipboa

To send data from your site to CloudWatch RUM service, y
snippet inside the <head> element of your application, ab

```
<script>(function(n,i,v,r,s,c,x,z){x=window.A
{q:[],n:n,i:i,v:v,r:r,c:c};window[n]=function
{x.q.push({c:c,p:p});};z=document.createEleme
z.async=true;z.src=s;
document.head.insertBefore(z,document.getEleme
')[0]);})('cwr','91d0db85-95c0-431a-
8e7b-029a49ecffd1','1.0.0','us-west-2','https
east-1.amazonaws.com/1.0.2/cwr.js',
{sessionSampleRate:1,guestRoleArn:"arn:aws:ia
/RUM-Monitor-us-west-2-737674966147-
Unauth",identityPoolId:"us-west-2:2743d543-9a
45fb-9f87-2e6ce31c1e76",endpoint:"https://data
west-2.amazonaws.com",telemetries:
["performance","errors","http"],allowCookies:
});</script>
```


MonitorMyBlog
1h 3h 12h 1d 1w 4w Custom
Performance
Errors & Sessions
Browsers & Devices
User Journey
Configuration
Pages (26)
0
Search
Slowest load time
1 2
All browsers
All devices
Page loads
Requests
Page loads
84
Load time
2.8k ms -45.3%
Errors
No data available. Try adjusting the time range.
All pages
2.1k ms
/2020/09/18/operation-bringdadhome/
2.8k ms
/2008/11/15/using-google-docs-spreadsheet-to-compute-recipe-costs/
2.5k ms
/2014/01/13/my-personal-productivity-tips/
Web vitals Info
Web vitals represent how the content of your web pages loads. View more about Web Vitals
Largest contentful paint
Measures loading performance
1.4s average
Page loads
10
5
0
Positive: 94.4% (<2.5s)
Tolerable: 0% (2.5-4s)
Frustrating: 5.6% (>4s)
Positive
Tolerable
Frustrating
06:00
12:00
18:00
18 Nov
06:00