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New Relic

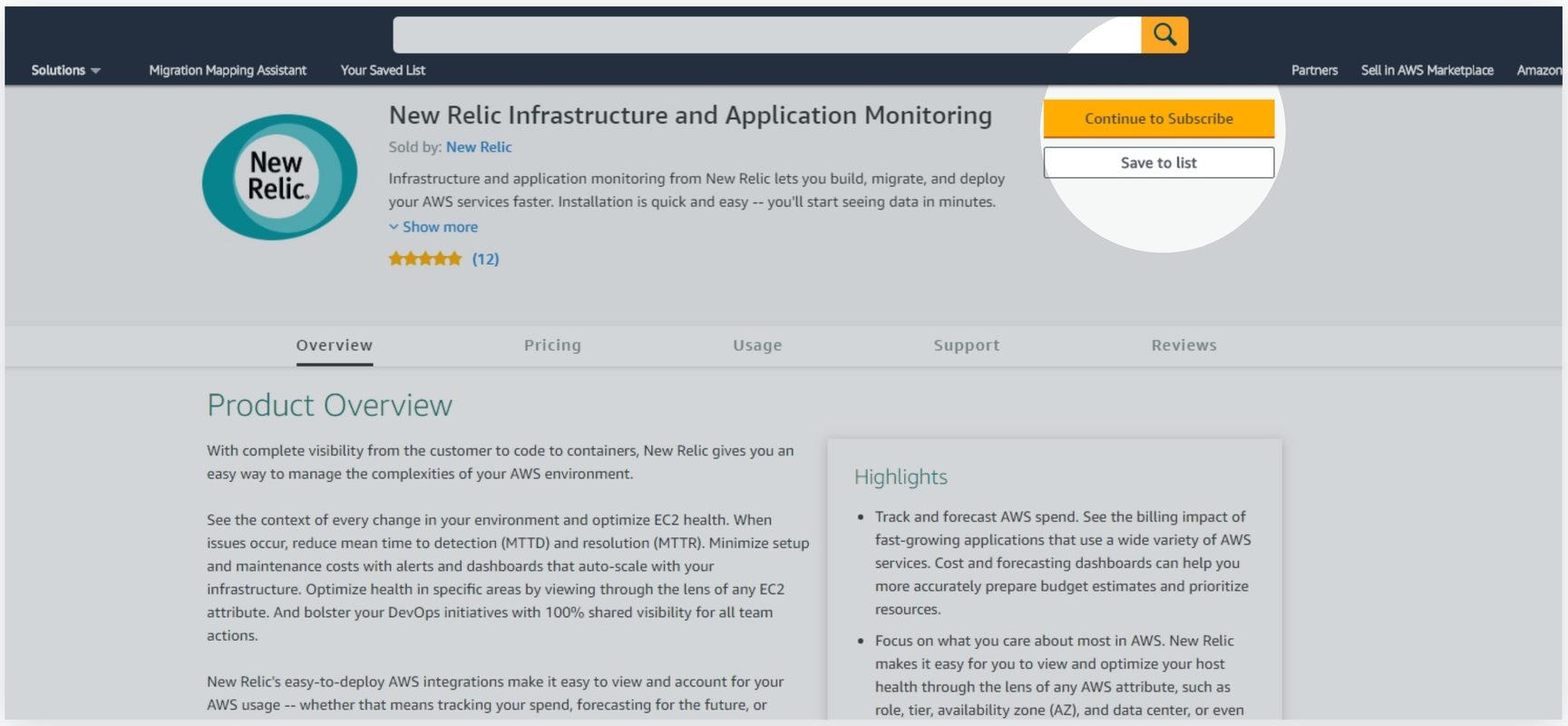
Getting Started Guide:
New Relic Infrastructure and Application Monitoring

With complete visibility from customer code to containers, **New Relic Infrastructure and Application Monitoring** gives you an easy way to manage the complexities of your AWS environment. New Relic's Infrastructure and Application Monitoring offers several key benefits, including:

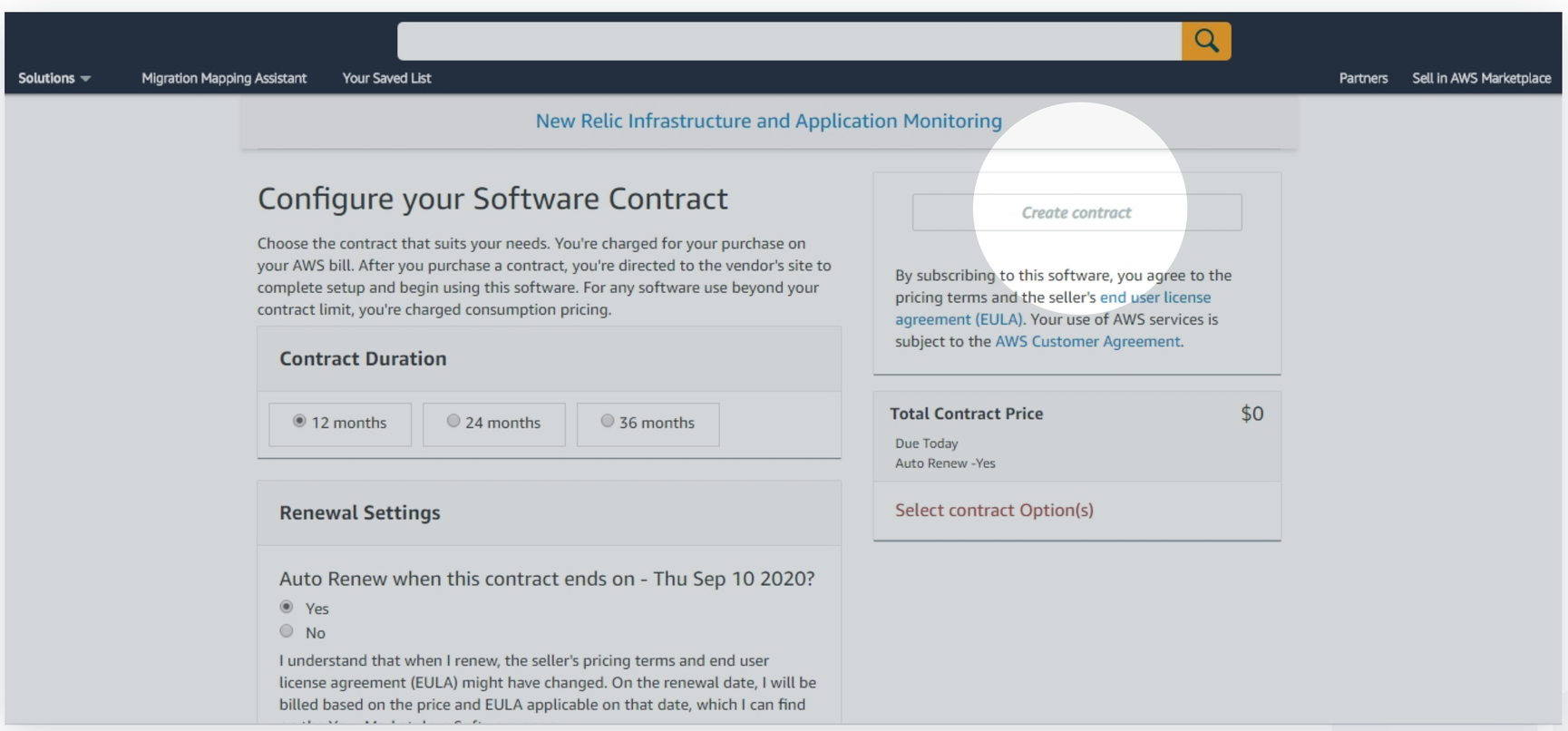
- **Reducing mean time to detection (MTTD) and mean time to resolution (MTTR) when issues occur.**
- **Ease of integration, which helps you minimize setup and maintenance costs, with alerts and dashboards that auto-scale with your infrastructure.**
- **Easy viewing and optimization of your host health through the lens of any AWS attribute, such as role, tier, availability zone (AZ), datacenter, or customer EC2 tags.**
- **Cost and forecasting dashboards that can help you more accurately prepare budget estimates and prioritize resources.**
- **New Relic also automatically scrubs your EC2 instances to give you an accurate, real-time view of your dynamic hosts.**

Part 1: Subscribing to New Relic Infrastructure and Application Monitoring

Step 1 New Relic Infrastructure and Application Monitoring can be found in AWS Marketplace. Select the **Continue to Subscribe** button.



Step 2 Select the duration of your contract, auto-renew settings, and contract options, then select the **Create Contract** button.

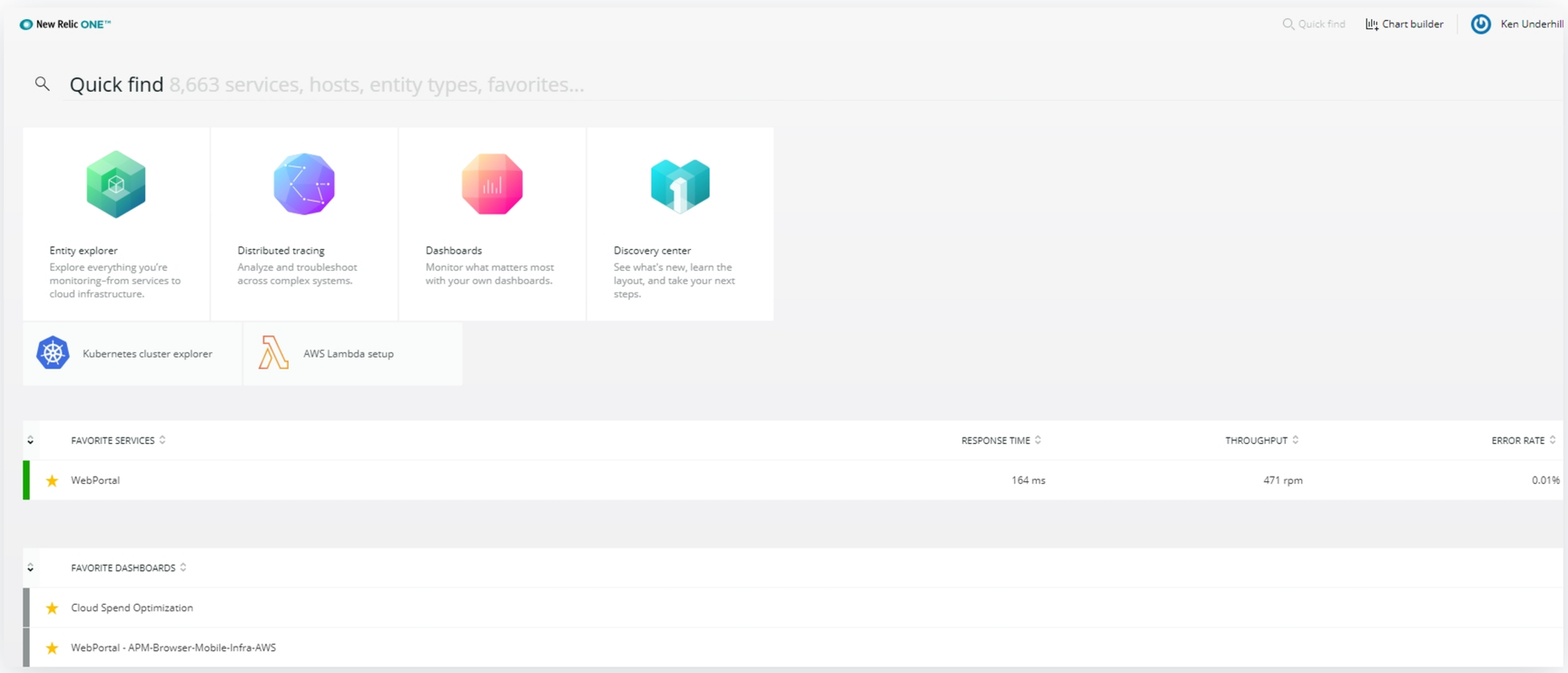


Part 1 Complete

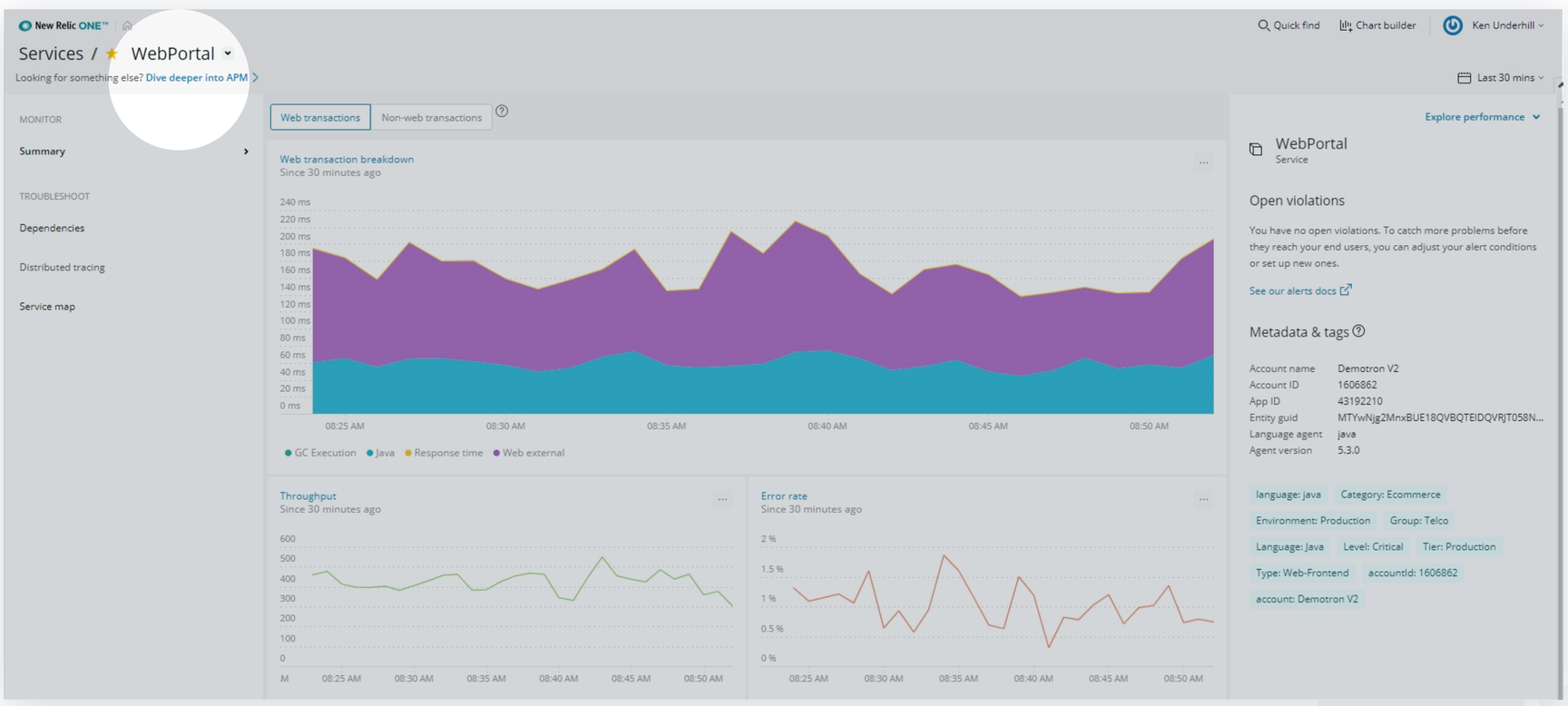
Part 2: **New Relic Infrastructure and Application Monitoring**
Steps 1-2 of 11

Part 2: New Relic Infrastructure and Application Monitoring

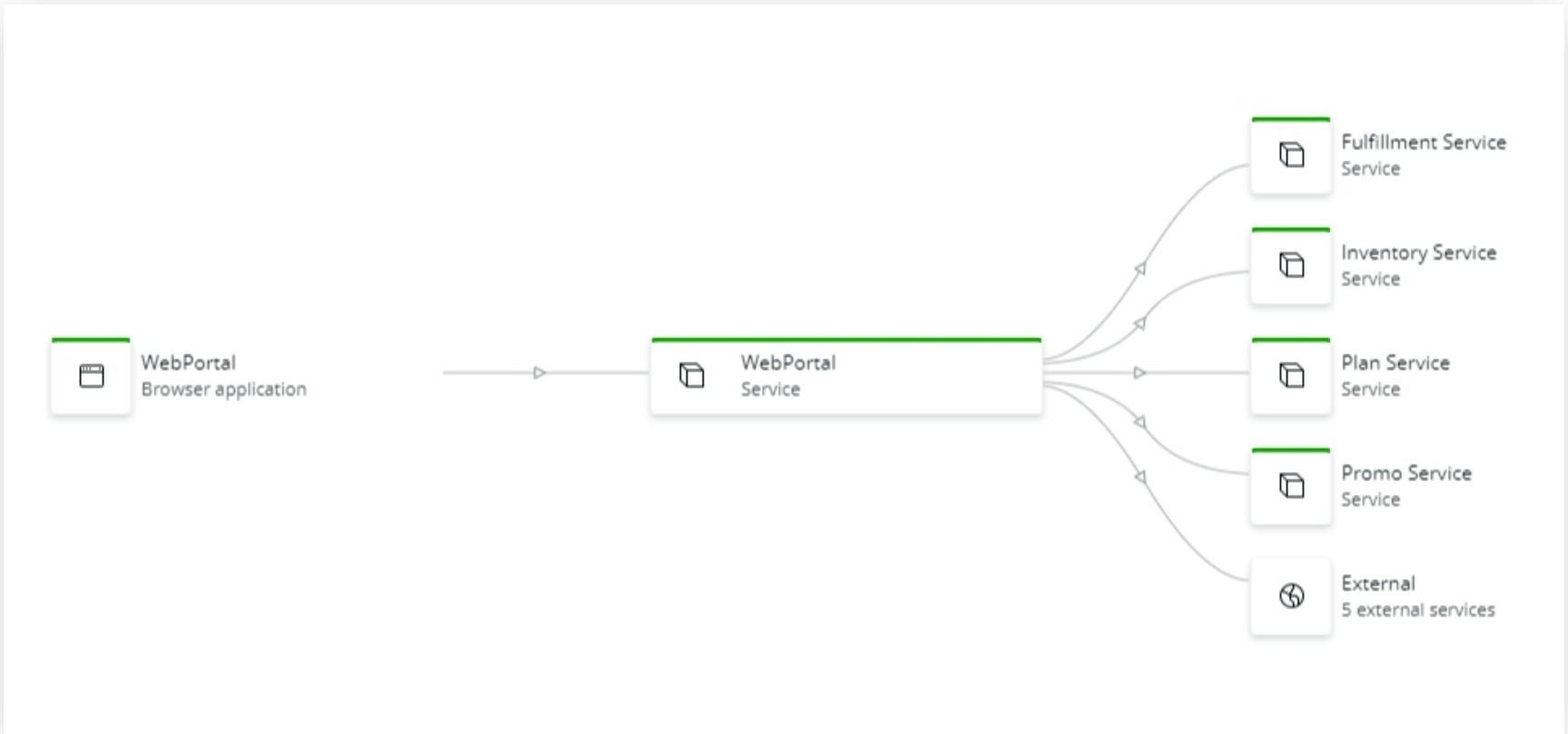
Step 1 Once you have subscribed to New Relic Infrastructure and Application Monitoring, you will be provided with access. Here we can see the Entity Explorer, Distributed Tracing, Dashboards, and Discovery Center.



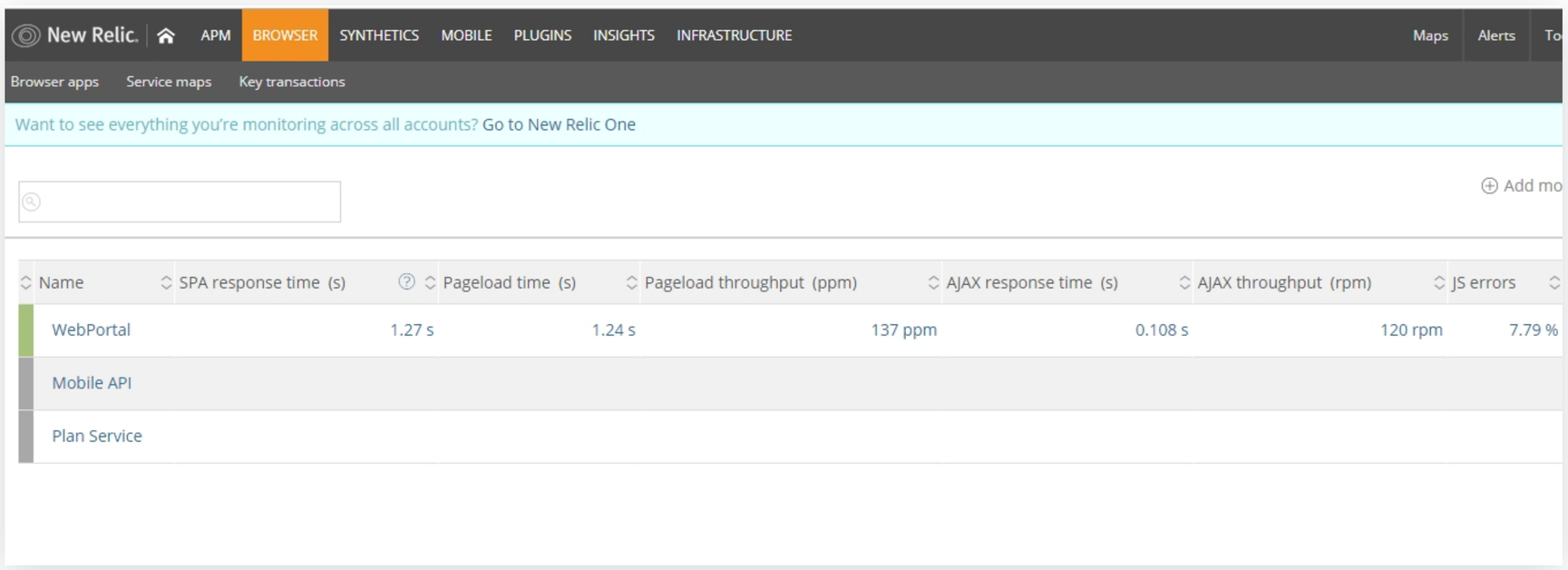
Step 2 Let's take a look at an application in APM. In this example, we will select the **WebPortal** application.



Step 3 The Service Map allows you to see how the WebPortal application is connected to other components.

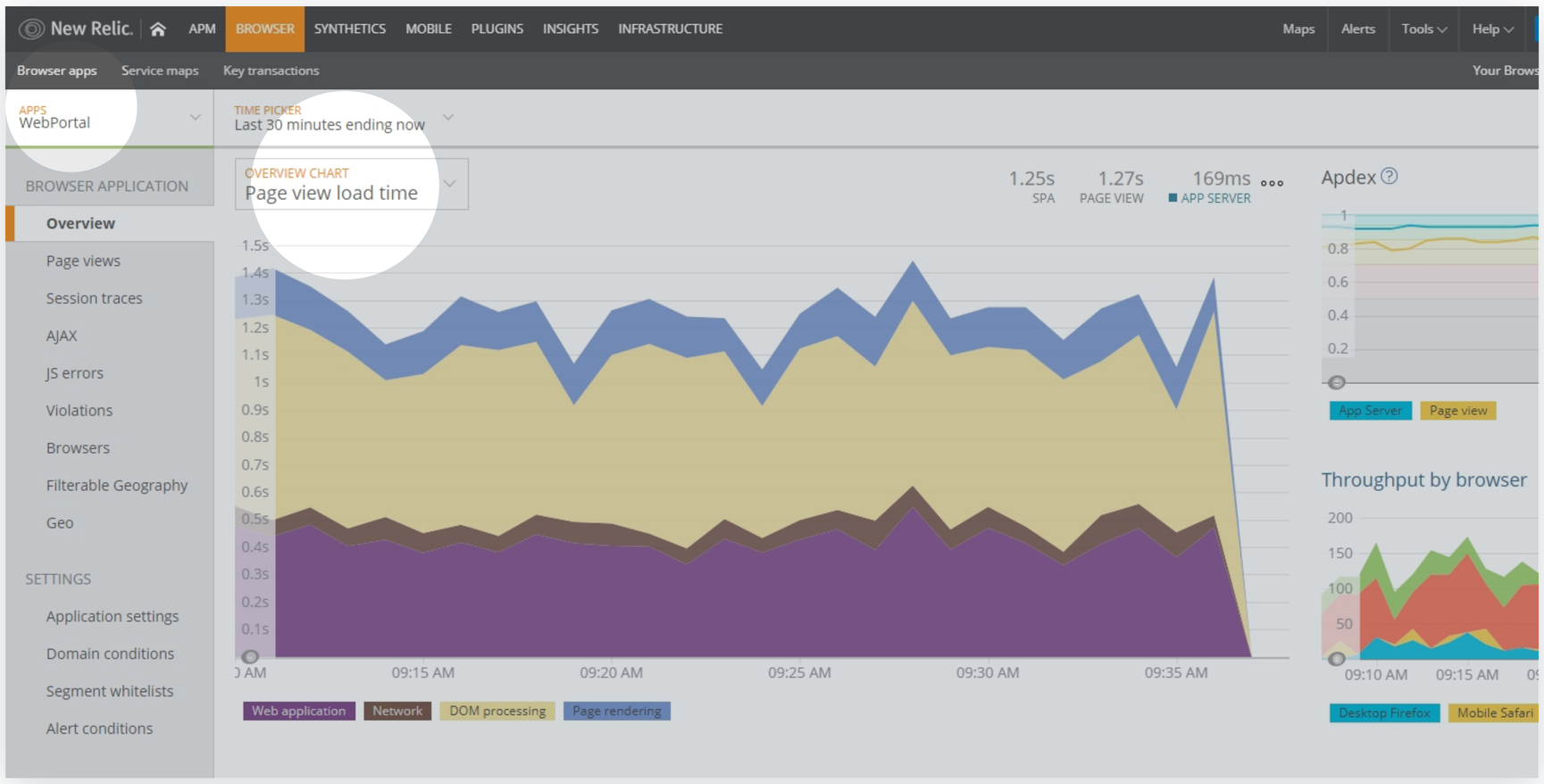


Step 4 The Browser area of the dashboard allows you to see some end user data.



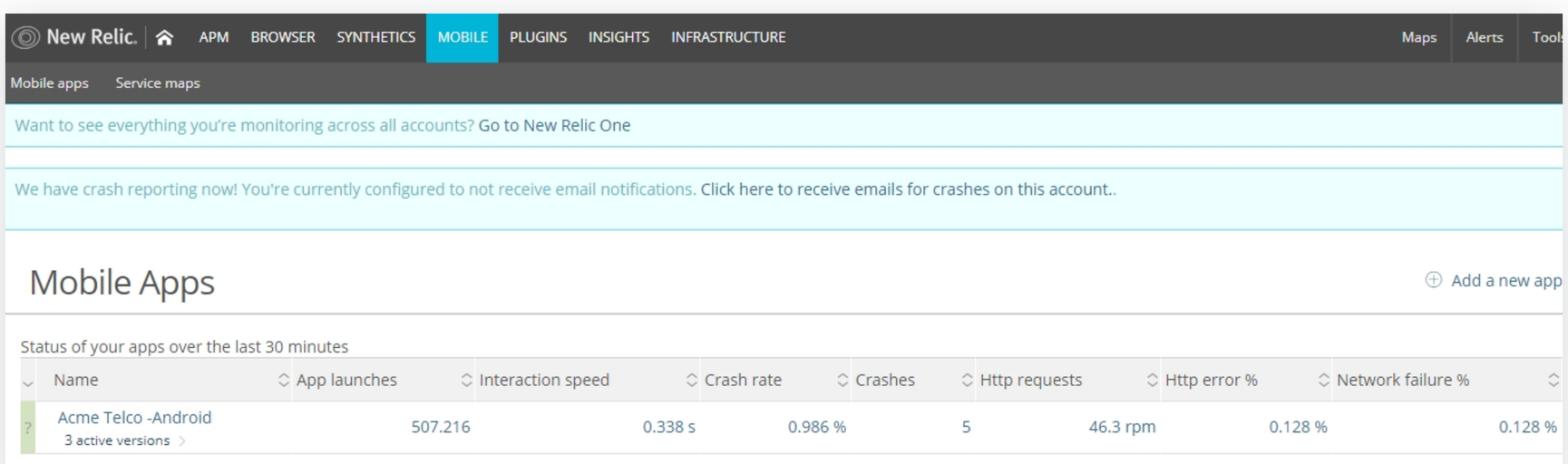
Step 5

We'll select the **WebPortal** option and change the SPA load time to **Page view load time**. This gives us a breakdown between the web application, network, and DOM processing, as well as page rendering. We can also see the Apdex score and throughput by browser.

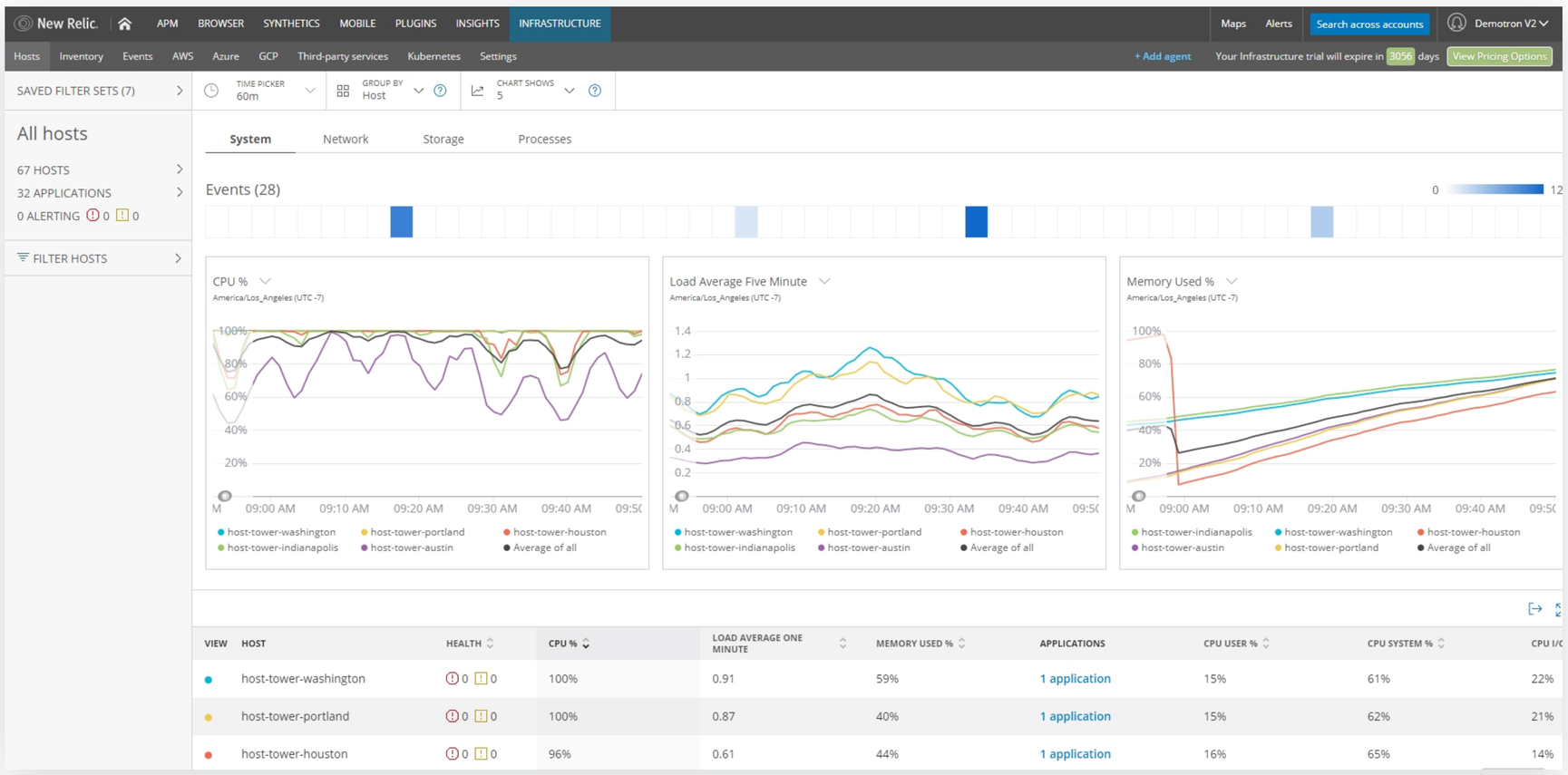


Step 6

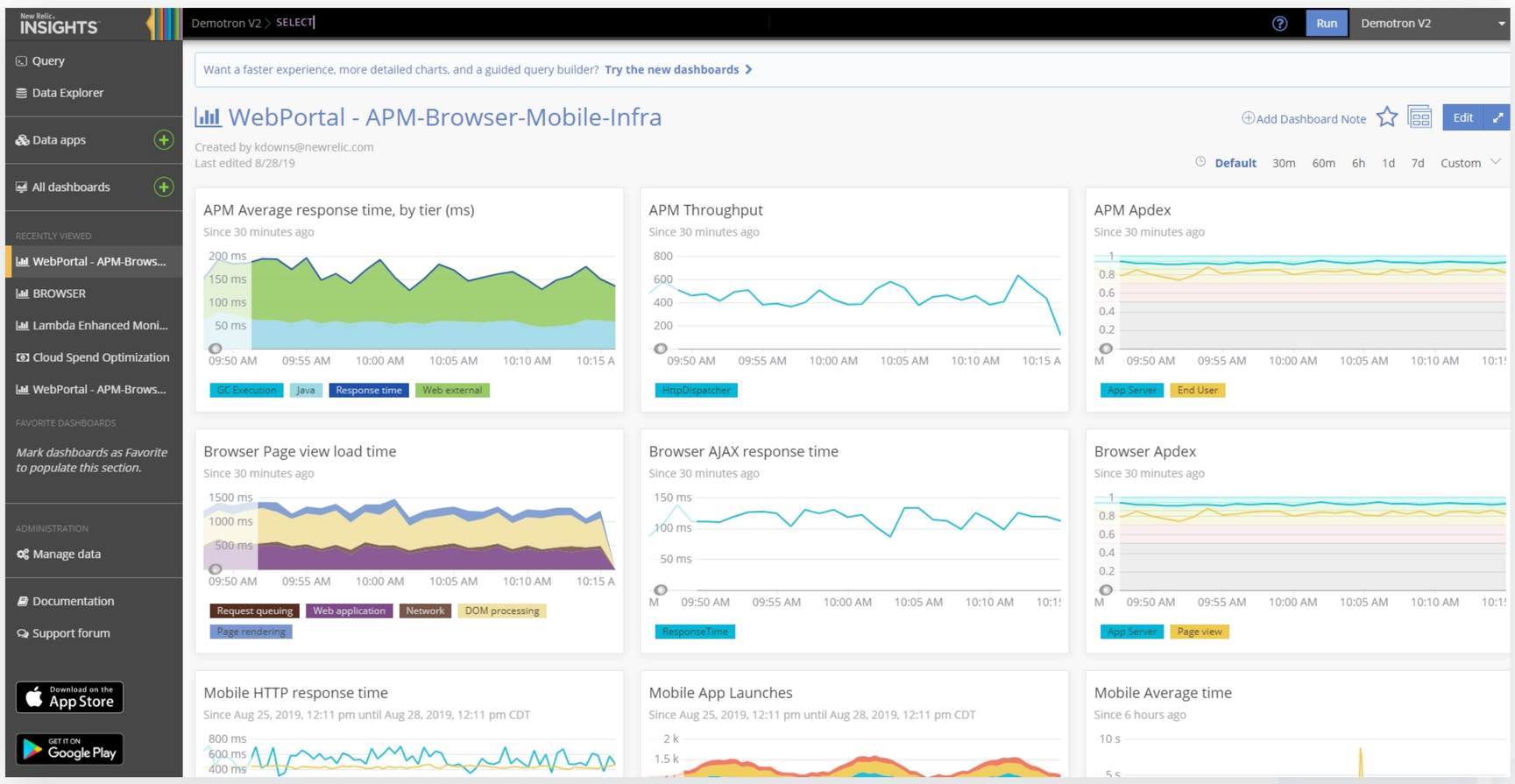
You can use New Relic to monitor your mobile application's code and get information on the HTTP response time, network failures, crashes, and app launches.



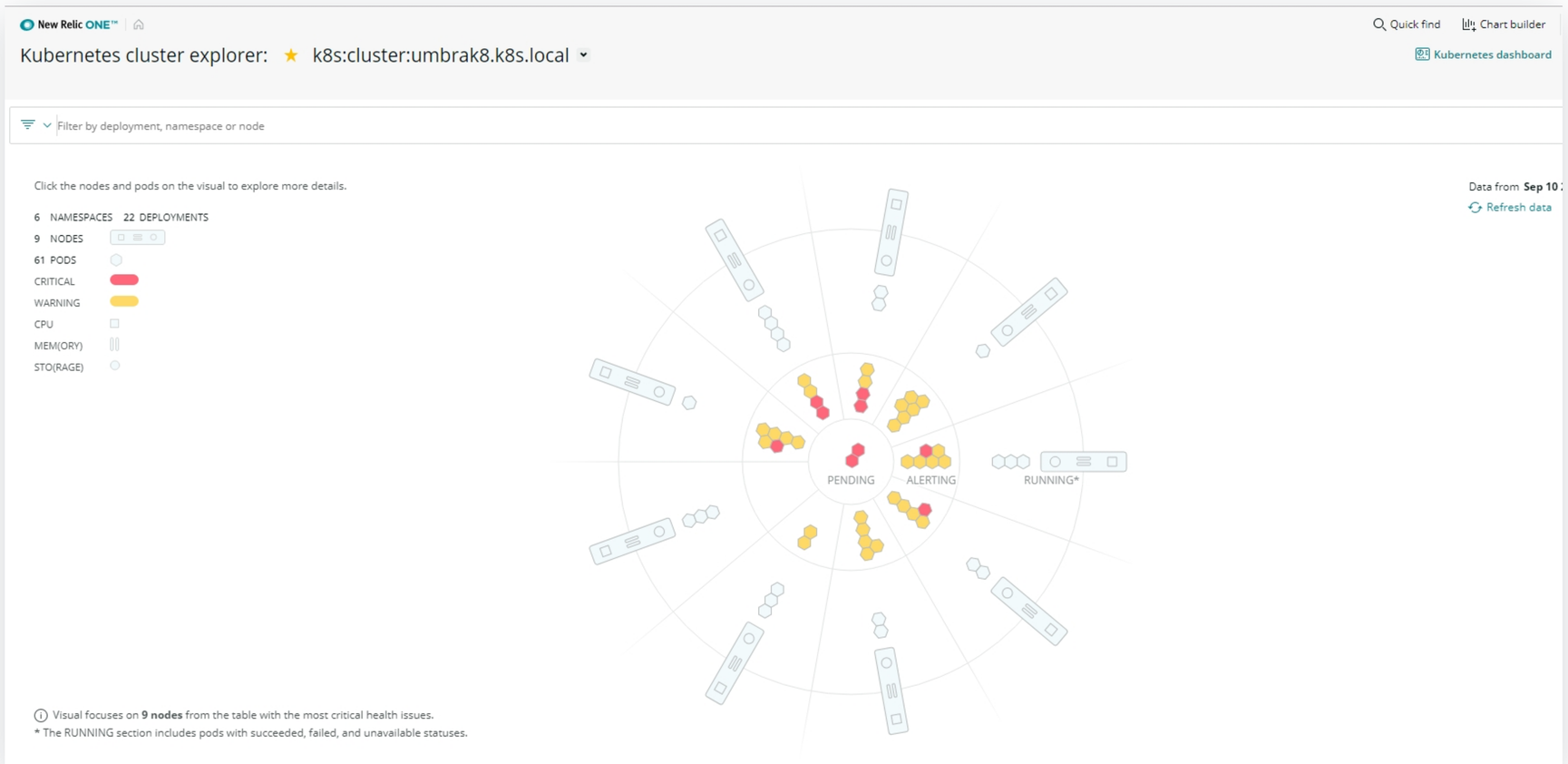
Step 7 Under the Infrastructure section, we can see the Hosts being monitored with New Relic.



Step 8 Insights allows us to see all of the data in one location.

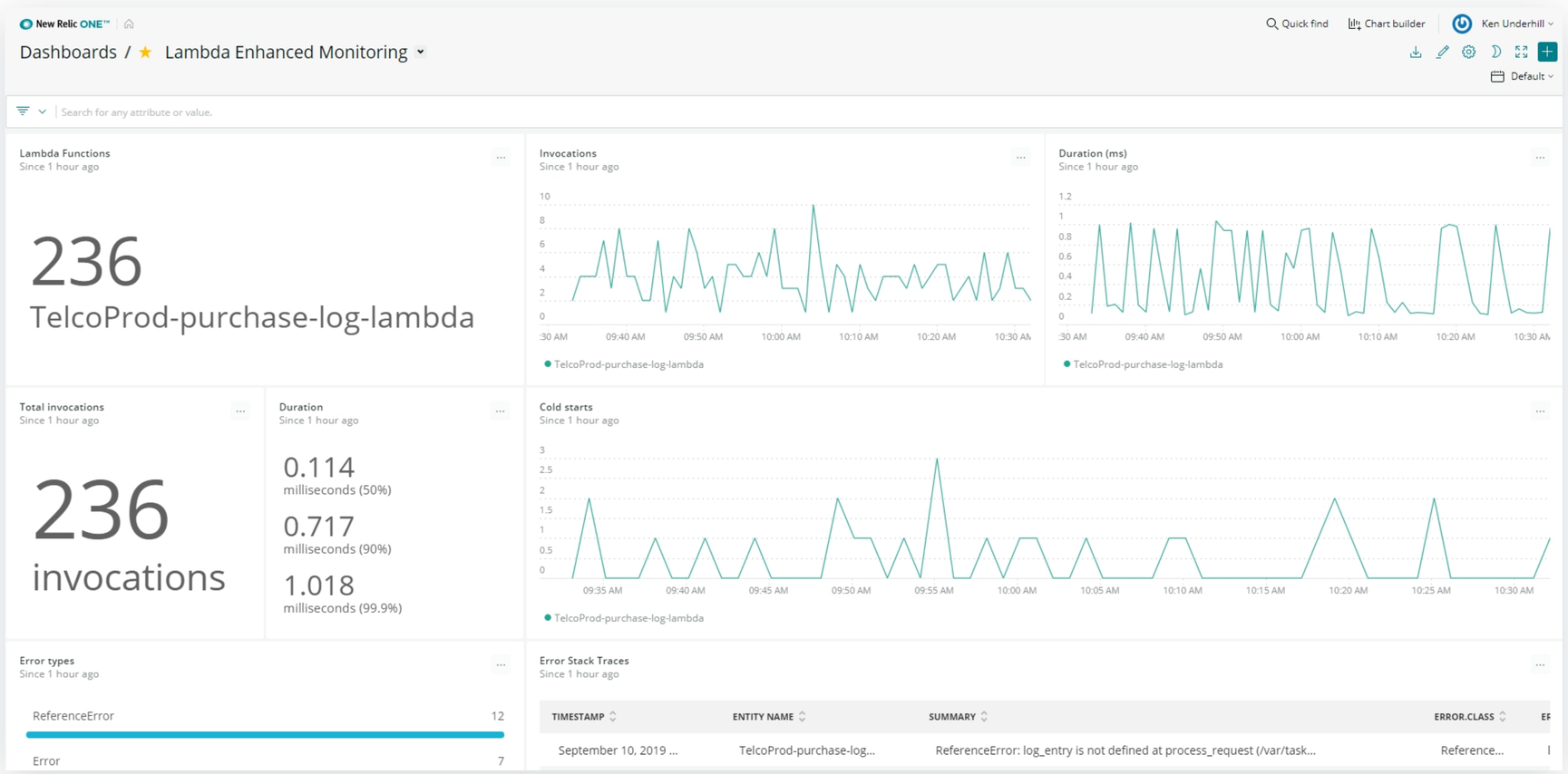


Step 9 The New Relic Kubernetes Cluster Explorer provides a multi-dimensional representation of a Kubernetes cluster that lets you zoom into your namespaces, deployments, nodes, pods, containers, and applications. You will be able to easily retrieve the data and metadata of these elements and understand how they are related.



Step 10 Using New Relic's Cluster Explorer, you will be able to quickly visualize, monitor, and diagnose your AWS Elastic Kubernetes environments.

Step 11 New Relic's AWS Lambda Monitoring gives you visibility into every invocation of your Lambda functions, including performance data like duration, memory usage, cold starts, exceptions, and tracebacks. It also gives you visibility into invocations for other AWS services, such as publishing messages in SNS topic or items placed in a DynamoDB table, and the operation and target for those services.



Part 2 Complete

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Thank you.

For more information, visit **https://amzn.to/2mmlhYx**