

What's new in CA APM

Amy Feldman, Director Product Marketing

Nishant Kabra, Sr. Principal Product Manager



What's New in CA APM SaaS?

July 2018 Features (8/1)

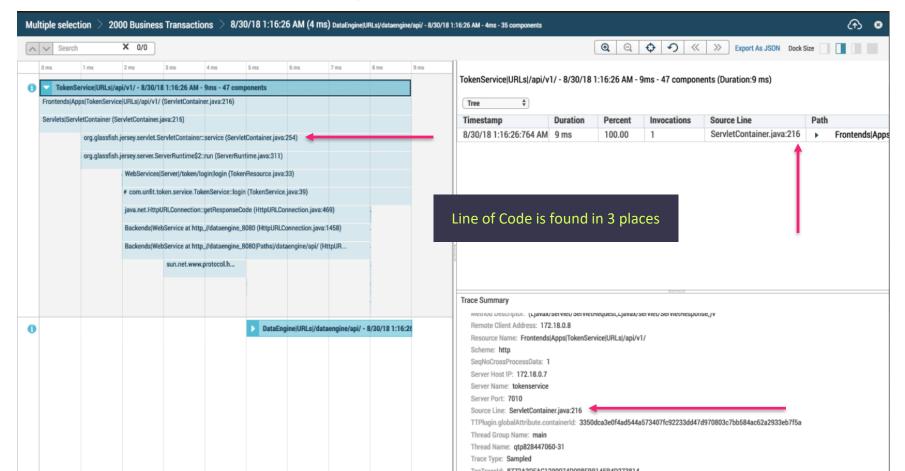
- UI Updates
 - New Notebook view
 - TT Viewer –Snapshot view
- Agent Updates
 - Attribute Extension
 - Agent support on Java 9
 - Additional CPU Timing/Memory
 - PHP Browser Agent injection
 - Javascript Calculator Phase 1

August Features (8/31)

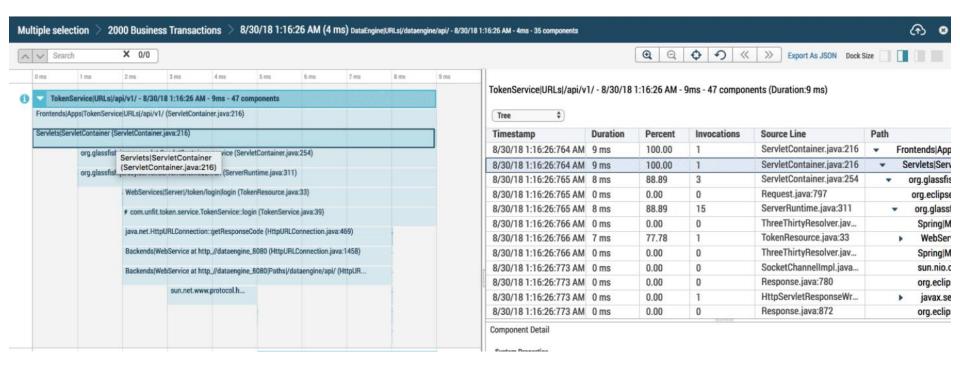
- Resource Analyst Phase 2 (Assisted Triage Infra issue)
- APM Infrastructure Agent Additional docker images to deploy other APM IA extensions
- Developer Mode Enhancements
 - Line of Code (TT viewer)
- Modern Application Support
 - Oracle DB extension
 - Cloud Foundry Phase 2
 - Kafka agent
 - Mulesoft Monitoring agent



Transaction Tracing - Line of Code

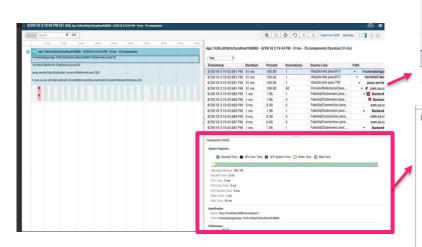


Transaction Tracing - Line of Code



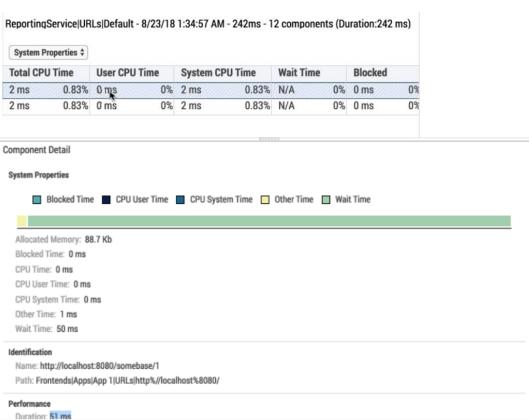


Transaction Tracing - Systems Properties



New Systems Properties

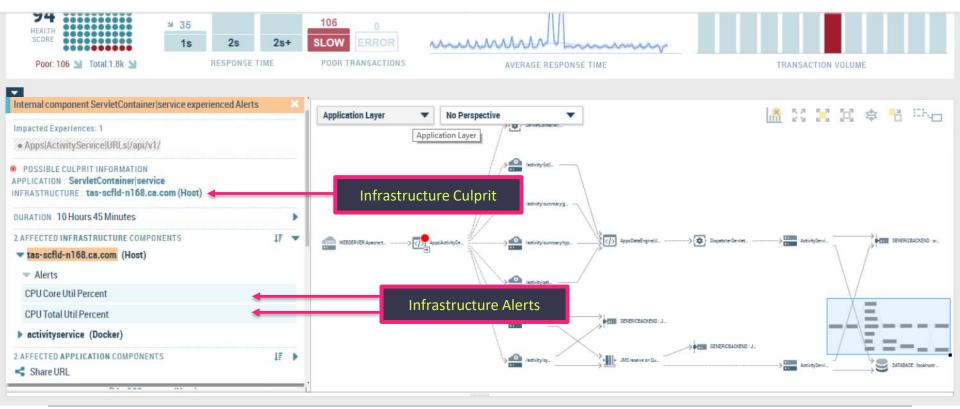
System properties are available for front end services



Assisted Triage – Infrastructure Culprit



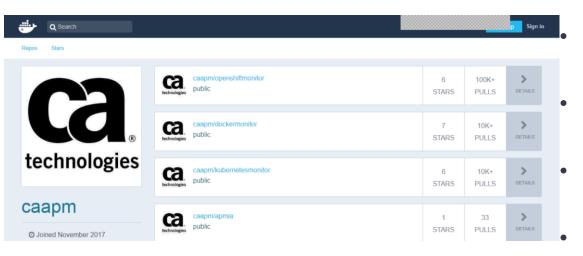
Assisted Triage – Infrastructure Culprit



Assisted Triage – Infrastructure Culprit



APM Infrastructure Agent – Docker Deployment



APM Infrastructure Agent now available as a docker container

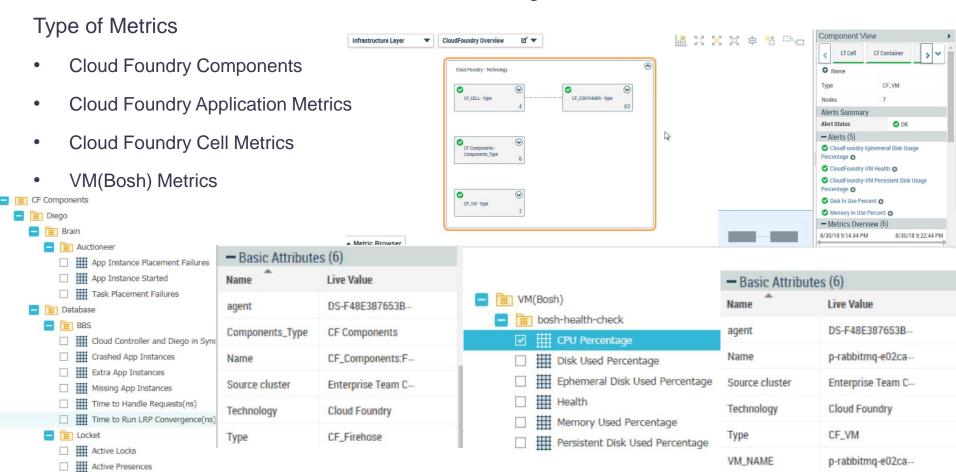
Easily deploy using Swarm/Kubernetes

Support for Azure/AWS, OpenShift, Docker

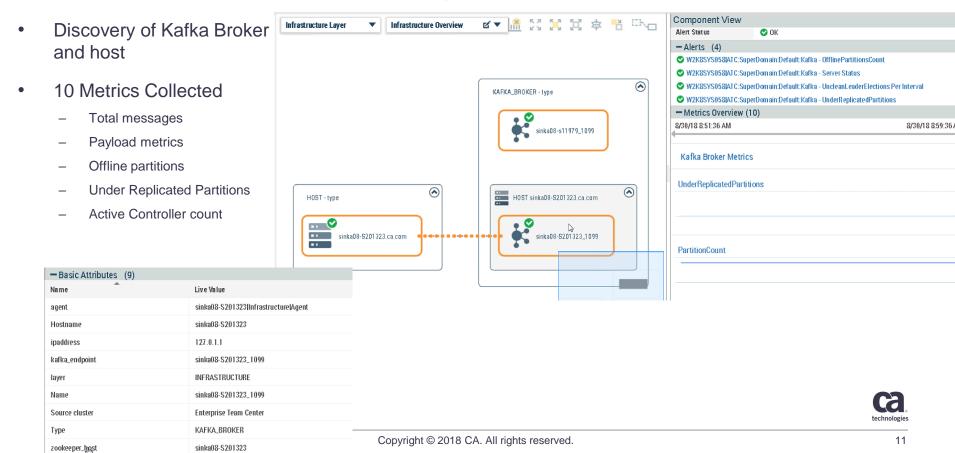
Available to download from Docker Marketplace



Extensions – Cloud Foundry



Kafka Infrastructure Agent





Container Monitoring

Rising Docker Popularity

52%

WE'RE JUST GETTING STARTED

25%

WE USE IT FOR SMALL PROJECTS AND EXPERIMENTAION, BUT NOT FOR PRODUCTION APPLICATIONS

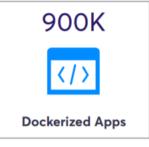


WE ARE RUNNING CONTAINERS IN PRODUCTION

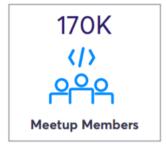


The rest are almost evenly divided between using the technology outside of production (25 percent) and running containers in production (23 percent).









^{1 7} Trends in Container Monitoring, data based on Gatepoint Research Study, "trends in Container Monitoring" Conducted between March and May 2018

²DockerCon Keynote presentation 2017

Do You Know the Impact of Container Performance?

How do Docker container performance problems affect your business?

17%

DEPLOYMENT DELAYS

LONGER TRIAGE TIMES

NOT MONITORING CONTAINERS FOR BUSINESS IMPACT YET

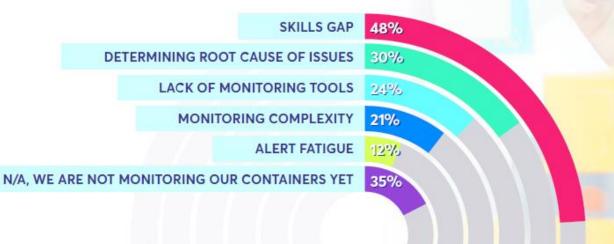
More than half of respondents are not monitoring Docker container performance problems

More than half of respondents are not monitoring Docker container performance problems for business impact yet, but those who are experience sub-optimal service (17percent), have deployment delays (18 percent) and are suffering from longer triage times (19 percent).

Why is it so Difficult?

What problems does your organization face with monitoring Docker containers?

The most prevalent issue with monitoring Docker containers is the gap in skills, 48 percent of respondents say. It's difficult to determine the root cause of issues, too, say 30 percent, and 24 percent say they lack the tools to monitor.





CA's Essentials of Container Monitoring



Complete Visibility

<u>Provides a single-source of truth</u> into performance across complex containerized apps, with an open data model contextually serving critical information to DevOps teams.

Learn more



Change Analysis

<u>Determines how even the smallest container changes</u> –in apps, code and architecture—can impact application performance, for better or for worse.

Learn more



Actionable Intelligence

<u>Dynamic baselining pinpoints</u> signals in the container noise, with proven statistical models, analytics and automated workflows rapidly determining the exact root cause.

Learn more



Flexible Monitoring

<u>Gathers critical container metrics, flows and dependencies</u> with minimal effort and configuration and scales to <u>support more complex systems</u> with deeper instrumentation and tracing.

Learn more





Demo





Questions?





Thank You.