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Dynatrace Unifies Log Monitoring and PurePath Distributed Tracing to Enhance Analytics for Modern Clouds

Precise, AI-powered insights enable DevOps and SRE teams to proactively optimize cloud-native applications and infrastructure

WALTHAM, Mass.--(BUSINESS WIRE)-- Software intelligence company Dynatrace announced today it has enhanced its analytics capabilities for modern multicloud and hybrid environments by unifying its AI-powered log monitoring with PurePath®, its distributed tracing and code-level analysis technology. By leveraging the Dynatrace® platform to automatically connect logs and traces, analyze them in real-time, and assemble the data for AI-powered analytics, organizations can more effectively and proactively optimize digital services to innovate faster, and scale smoothly.

Modern cloud environments generate massive amounts of heterogeneous log and trace data, at a volume and velocity that is beyond human capacity to manage. As a result, DevOps and SRE teams are increasingly unable to piece all this information together and analyze it in context to gain insights. This makes it more difficult to ensure service reliability across the vast range of containers, microservices, and interrelated components underlying the applications that run the business. "Siloed approaches to monitoring do not meet the agility requirements of modern application and infrastructure observability," according to Gartner®. "Modern application architectures spanning multiple cloud providers, data centers, and teams need unified visibility and context across all monitoring domains."[i]

This latest enhancement to the Dynatrace® platform delivers precise, real-time analytics out-of-the-box across logs, metrics, and traces for all major languages and the most prominent web servers, as well as support for the latest open-source standards and services. Teams quickly gain value and speed by automatically understanding how to optimize increasingly complex and dynamic, cloud environments, and through a dramatic reduction in alert noise, and time wasted chasing false positives.

"Dynatrace, with its broad observability and advanced AIOps, helps us tame our ever-changing cloud environment," said Kailey Smith, Application Architect, State of Minnesota IT Services. "The power of PurePath is that it gives us a complete, end-to-end understanding of how every user interaction and transaction flow across the different services in our environment to support our users' digital journeys. By enhancing the visibility that PurePath provides with log data, we will be able to gain an even more precise picture of how our user journeys unfold, so we can continually enhance our services to deliver even better digital experiences."

"Organizations rely on multicloud and hybrid architectures to drive digital transformation," said Steve Tack, SVP of Product Management at Dynatrace. "To optimize application and infrastructure performance, DevOps and SRE teams must make sense of huge volumes of

data. By unifying log monitoring and PurePath, and leveraging our platform's advanced, causal AIOps, teams can analyze a broader scope of application and infrastructure events, while keeping all data and sources in context. This helps them tame cloud complexity, accelerate innovation, and ensure amazing digital experiences for their customers."

This enhancement to Dynatrace® PurePath® will be available to all Dynatrace customers within the next 90 days. For additional information, please visit the Dynatrace blog.

About Dynatrace

Dynatrace provides software intelligence to simplify cloud complexity and accelerate digital transformation. With automatic and intelligent observability at scale, our all-in-one platform delivers precise answers about the performance and security of applications, the underlying infrastructure, and the experience of all users to enable organizations to innovate faster, collaborate more efficiently, and deliver more value with dramatically less effort. That's why many of the world's largest enterprises trust Dynatrace® to modernize and automate cloud operations, release better software faster, and deliver unrivalled digital experiences.

Curious to see how you can simplify your cloud? Let us show you. Visit our trial page for a free 15-day Dynatrace trial.

To learn more about how Dynatrace can help your business, visit https://www.dynatrace.com, visit our blog, and follow us on Twitter @dynatrace.

[i] Gartner, 2022 Planning Guide for IT Operations and Cloud Management, Doc #G00755582, Gregory Murray, Lydia Leong, et al., October 2021. GARTNER is a registered trademark and service mark of Gartner, Inc. and/or its affiliates in the U.S. and internationally and is used herein with permission. All rights reserved.

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