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Dynatrace Launches AI Observability for Large Language Models and Generative AI

Enables organizations to embrace AI with confidence by providing unparalleled insights into all layers of AI-powered applications, helping ensure security, reliability, performance, and cost-effectiveness

WALTHAM, Mass.--(BUSINESS WIRE)-- [Dynatrace](#) (NYSE: DT), the leader in unified observability and security, today announced it has extended its [analytics and automation platform](#) to provide holistic observability and security for large language models (LLMs) and generative AI-powered applications. This enhancement to the Dynatrace® platform enables organizations worldwide to embrace generative AI confidently and cost-effectively as part of their focus on increasing innovation, productivity, and revenue.

This press release features multimedia. View the full release here:
<https://www.businesswire.com/news/home/20240131857760/en/>

(Graphic: Business Wire)

Dynatrace® AI
Observability is a
comprehensive

solution. It covers the [end-to-end AI stack](#), including infrastructure, such as Nvidia® GPUs, foundational models, such as GPT4, semantic caches and vector databases, such as Weaviate, and orchestration frameworks, such as LangChain. It also supports the major platforms for building, training, and delivering AI models, including Microsoft® Azure OpenAI Service, Amazon® SageMaker, and Google® AI Platform.

Dynatrace AI Observability leverages the platform's [Davis® AI](#) and other [core technologies](#) to deliver a precise and complete view of AI-powered applications. As a result, organizations can provide great user experiences while identifying performance bottlenecks and root causes automatically. Dynatrace AI Observability with Davis AI also helps them comply with privacy and security regulations and governance standards by tracing the origins of the output created by their apps with precision. Additionally, it helps them forecast and control costs by monitoring their consumption of tokens, which are the basic units that generative AI models use to process queries.

“Generative and predictive AI will unlock new possibilities for our business with our ML and LLM services, but to implement them successfully, we need to ensure that our services supporting these critical workloads are reliable and perform well,” said Ryan Berry, SVP Engineering & Architecture at OneStream. “That’s why we rely on Dynatrace, a leader in AI and observability. Our teams use Dynatrace to build and optimize generative AI apps that perform well and are cost effective to manage and deploy at scale.”

Gartner® states, “By 2028, the adoption of AI will culminate in over 50% of cloud compute resources devoted to AI workloads, up from less than 10% in 2023.”ⁱ This growth partially reflects organizations’ surging interest in generative AI to improve efficiency and productivity,

drive automation, and foster innovation. Despite this momentum, many organizations are concerned about costs associated with generative AI-powered services. These can be many times more expensive than traditional cloud services and are difficult to forecast because they are based on the consumption of generative AI tokens by applications that are not yet in production. Simultaneously, governments worldwide are establishing regulations focused on the use of AI technologies in a responsible and ethical manner and in compliance with applicable laws.

Organizations cannot afford to ignore the potential of generative AI. However, they need comprehensive AI observability to help their generative AI investments succeed and avoid the risk of unpredictable behaviors, AI “hallucinations,” and bad user experiences.

“Generative AI is the new frontier of digital transformation,” said Bernd Greifeneder, CTO at Dynatrace. “This technology enables organizations to create innovative solutions that boost productivity, profitability, and competitiveness. While transformational, it also poses new challenges for security, transparency, reliability, experience, and cost management. Organizations need AI observability that covers every aspect of their generative AI solutions to overcome these challenges. Dynatrace is extending its observability and AI leadership to meet this need, helping customers to embrace AI confidently and securely with unparalleled insights into their generative AI-driven applications.”

“AI-powered transformation is a key driver of productivity and competitiveness for organizations worldwide,” said Ali Dalloul, VP, AI, Microsoft. “Microsoft Azure OpenAI Service is a robust generative AI solution for enterprises and public sector entities across the globe. We're pleased to partner with Dynatrace, a leader in AI-powered observability, to empower our shared customers, the teams driving innovation in the world's largest organizations, to create generative AI-based services using Azure Open AI Service and Dynatrace AI Observability. This powerful combination helps ensure these services achieve the highest security, reliability, and performance standards while enabling the teams that manage them to control costs.”

Dynatrace AI Observability is available starting today for all Dynatrace customers. Visit the [Dynatrace website](#) for the current list of technologies and integrations supported by Dynatrace AI Observability. Visit the [Dynatrace AI Observability](#) blog for additional details about the solution.

About Dynatrace

[Dynatrace](#) (NYSE: DT) exists to make the world's software work perfectly. Our unified platform combines broad and deep observability and continuous runtime application security with [Davis® hypermodal AI](#) to provide answers and intelligent automation from data at an enormous scale. This enables innovators to modernize and automate cloud operations, deliver software faster and more securely, and ensure flawless digital experiences. That's why the world's largest organizations trust the Dynatrace® platform to accelerate digital transformation.

Curious to see how you can simplify your cloud and maximize the impact of your digital teams? Let us show you. Sign up for a [15-day Dynatrace trial](#).

Cautionary Language Concerning Forward-Looking Statements

This press release includes certain “forward-looking statements” within the meaning of the Private Securities Litigation Reform Act of 1995, including statements regarding the capabilities of generative AI and Dynatrace AI Observability, and the expected benefits to organizations from using generative AI and Dynatrace AI Observability. These forward-looking statements include all statements that are not historical facts and statements identified by words such as “will,” “expects,” “anticipates,” “intends,” “plans,” “believes,” “seeks,” “estimates,” and words of similar meaning. These forward-looking statements reflect our current views about our plans, intentions, expectations, strategies, and prospects, which are based on the information currently available to us and on assumptions we have made. Although we believe that our plans, intentions, expectations, strategies, and prospects as reflected in or suggested by those forward-looking statements are reasonable, we can give no assurance that the plans, intentions, expectations, or strategies will be attained or achieved. Actual results may differ materially from those described in the forward-looking statements and will be affected by a variety of risks and factors that are beyond our control, including the risks set forth under the caption “Risk Factors” in our Quarterly Report on Form 10-Q filed on November 2, 2023, and our other SEC filings. We assume no obligation to update any forward-looking statements contained in this document as a result of new information, future events, or otherwise.

ⁱ Gartner IT Symposium/Xpo 2023, "The Future of Cloud in 2028: From Technology to Business Necessity," Milind Govekar, 6-9 November 20.

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