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Research Shows the Move to Modern Multicloud Environments Has Broken Traditional Approaches to Infrastructure Monitoring

Disparate tools and a reliance on manual processes lead IT teams to waste nearly half (42%) of their time "keeping the lights on" across their clouds

WALTHAM, Mass.--(BUSINESS WIRE)-- Software intelligence company Dynatrace (NYSE: DT) today announced the findings of an independent global survey of 1,300 CIOs and senior IT practitioners involved in infrastructure management. The research reveals the challenges organizations face as they overwhelmingly turn to multicloud architectures to achieve the agility and scalability needed to keep up with the pace of digital transformation. Multicloud strategies have led to a surge in complexity, with infrastructure teams drowning in data as they try to monitor and manage their constantly changing environments. As a result, teams are spending more time on manual, routine tasks, limiting their ability to accelerate innovation and highlighting the need for increased use of AI and automation. The 2022 global report "The move to multicloud environments has broken traditional approaches to infrastructure monitoring" is available for download here.

The research reveals:

- 99% of organizations have a multicloud environment, with the average spanning 5 different platforms. These include Amazon Web Services, Microsoft Azure, Google Cloud Platform, IBM Red Hat, and others.
- Organizations rely on 7 different infrastructure monitoring solutions, on average, to manage multicloud environments, and 57% say this makes it difficult to optimize infrastructure performance and resource consumption.
- 81% of IT leaders say their use of Kubernetes has made their infrastructure more dynamic and challenging to manage.
- 56% of IT leaders say traditional infrastructure monitoring solutions are no longer fit for purpose in a world of multiple clouds and Kubernetes.

"Multicloud strategies have become critical to keeping up with the rapidly accelerating pace of digital transformation, but teams are struggling to manage the complexity that these environments bring," said Bernd Greifeneder, Founder and Chief Technology Officer at Dynatrace. "Dependencies are growing at an exponential pace, driven by faster deployment frequency and cloud-native architectures that bring constant change. Open-source technologies complicate things by adding even more data for teams to deal with. Compounding the issue, each cloud service or platform has its own monitoring solution. To build a complete picture, teams are forced to manually extract insights from each solution and then piece these together with data from other dashboards. Organizations must find a way to help these teams reduce the time they spend on manual tasks and refocus on

strategic work that delivers new, high-quality services for customers."

Additional findings from the report include:

- 61% of IT leaders say observability blind spots in their multicloud environments are becoming a greater risk to digital transformation as teams find themselves without an easy way to monitor their infrastructure end-to-end.
- 58% of IT leaders say infrastructure management is a growing drain on resources as their use of cloud services has increased, and their teams are forced to switch between different solutions and dashboards to gain insights.
- Nearly half (42%) of IT teams' time is wasted on manual, routine work to "keep the lights on" across their environments, creating a major productivity drain and leading to missed revenue opportunities due to delays to innovation.
- More than half (56%) of IT leaders believe traditional infrastructure monitoring approaches must be replaced with a platform that can provide end-to-end observability across multicloud environments.

"Infrastructure teams need AI-driven solutions that can automate as many of their routine, manual tasks as possible," continued Greifeneder. "With automatic, continuous discovery and instrumentation, teams can reduce manual effort while maintaining end-to-end observability across their hybrid, multicloud environments. However, observability alone isn't enough. Access to precise answers that help teams optimize their environments effectively and efficiently is also needed. Traditional approaches simply can't keep up, due to their heavy reliance on manual work. Organizations need a more intelligent approach, combining AI, automation, and end-to-end observability, to free up teams' time, and enable them to focus on speeding innovation and optimizing user experiences."

The report is based on a global survey of 1,300 CIOs and senior IT practitioners involved in infrastructure management in large enterprises with more than 1,000 employees, conducted by Coleman Parkes and commissioned by Dynatrace. The sample included 200 respondents in the U.S., 100 in Latin America, 600 in Europe, 250 in Asia Pacific, and 150 in the Middle East.

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.

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