The complexities of modern cloud native applications

Modern application architectures benefit technologists by enabling them to innovate quickly with greater agility, while delivering improved reliability. At the same time, building applications in a cloud native environment adds complexity, as these highly-distributed systems rely on thousands of containers and generate huge amounts of metric, event, log and trace data (MELT) every second.

Traditional monitoring approaches leave many teams blind when adopting cloud native technologies, falling short in providing clear, end-to-end visibility throughout the IT environment and a complete understanding of highly-distributed and dynamic application topologies. Most importantly, it's increasingly difficult for IT teams to reduce the noise and troubleshoot application performance issues that impact their customers, and ultimately their digital business.

Cloud native requires a fresh approach

AppDynamics Cloud is purpose-built to help site reliability engineers (SRE) and DevOps teams observe distributed and dynamic cloud native applications at scale. Built on a foundation that embraces open-standards, IT and developer teams can get actionable, real-time views of what's happening inside their tech stack and the impact on customer experience and digital business. The unique combination of observability and advanced AIOps functionality empowers enterprises with the intelligent insights they need to observe what matters and quickly address issues before they negatively impact the availability and performance of their cloud native applications.

Transform digital business today with AppDynamics Cloud

- Maximize digital business revenue and customer experiences by continuously optimizing your cloud native applications powering modern business
- Accelerate time to detection and resolution of performance issues with AI-Assisted operations before it impacts your business and brand
- Enable solution investment protection with continuous data integrations with OpenTelemetry standards and technology integration partnerships with cloud solutions providers

Introducing AppDynamics Cloud

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Taking full-stack observability to the cloud

AppDynamics Cloud delivers the visibility, insights, and actions required in full-stack observability of modern cloud native applications with:

- Visibility for managed Kubernetes workloads and containerized apps, with troubleshooting and alerts to quickly isolate container performance issues.
- Microservices visibility, enabling customers to monitor the performance of each service and understand the overall health of their applications and underlying infrastructure.
- Contextualized UIs for quick navigation across telemetry types and domains (MELT for infrastructure and applications).
- Providing public cloud visibility and monitoring for workloads running on Amazon Web Services (AWS) and Microsoft Azure with support anticipated in future for Google Cloud Platform (GCP) and other cloud providers.
- Accelerates onboarding of new services with OpenTelemetry® support, further future-proofing observability investments.

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