



Datadog Unveils Latest AI Agents to Rapidly Resolve Application Issues

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Bits AI now delivers domain-specific AI agents and Applied AI capabilities that accelerate incident resolution for development, security and operations teams

NEW YORK – JUNE 10, 2025 – [Datadog](#), Inc. (NASDAQ: DDOG), the monitoring and security platform for cloud applications, today introduced three new AI agents that perform interactive investigations and asynchronous code fixes for development, security and operations teams. Today's launch of the Bits AI SRE, Bits AI Dev Agent and Bits AI Security Analyst agents, alongside the new Proactive App Recommendations and APM Investigator capabilities, marks the continued evolution of [Bits AI](#), Datadog's generative AI assistant that helps engineers resolve application issues in real time.

Datadog's new domain-specific AI agents, unveiled at [DASH](#), are each trained to be experts in incident response, product development and security. The agents are built on a flexible system of shared tasks—core capabilities such as querying data, analyzing anomalies or scaling infrastructure that can be reused across agents. The architecture allows Datadog to build and deploy new agents quickly while maintaining a consistent and powerful user experience. This is combined with expansive, high-quality observability data, enabling Datadog's AI capabilities to operate with context and precision, and deliver insights and actions to eliminate risk.

"Datadog is uniquely positioned to deliver value with AI as a platform that has a wealth of clean, rich data—we process trillions of data points and are embedded in our customers' critical engineering, developer and security workflows," said Yanbing Li, Chief Product Officer at Datadog. "With these advancements in AI reasoning and multi-modality, we've gone beyond helping organizations understand their availability, security, performance and reliability. We now enable human-in-the-middle workflows by guiding customers on what to look for and where to start looking, and augment their ability to take action."

The new AI agents announced at DASH are:

- **[Bits AI SRE](#)**, a 24x7 on-call responder that is now in Limited Availability. For all alerts, Bits AI SRE performs early triage using telemetry and service context to surface initial investigation findings all before responders log in. It assigns appropriate owners, aligns all parties with real-time incident summaries and status updates, and proactively suggests next steps. It also generates a first draft of the incident post-mortem to save responders time.
- **[Bits AI Dev Agent](#)**, now in Preview, which detects issues, generates code fixes, and opens pull requests tailored to organizations' technology stack to allow users to quickly review and merge changes directly within their SCM. As a result, engineers don't just have software that surfaces errors—they have an AI teammate that helps fix the issue and improve productivity for human resources.
- **[Bits AI Security Analyst](#)**, which autonomously triages [Cloud SIEM](#) (security information and event management) signals, conducts in-depth investigations of potential threats and delivers reasoned resolution recommendations without human prompting. Bits AI Security Analyst, now in Preview, automates investigations and reduces response times, fundamentally transforming how organizations process security signals.

"At Thomson Reuters, we're focused on maximizing operational efficiency and accelerating innovation at scale through generative AI solutions," said Darren Trzynka, Senior Cloud Architect at Thomson Reuters. "Bits AI allows operations and downstream platform teams to receive the full context of the investigation—from the initial monitor trigger to conclusion—driving down resolution time significantly freeing them up to do more."

Additional Applied AI capabilities in preview include:

- **[Proactive App Recommendations](#)**, which continuously analyzes telemetry Datadog already collects to suggest high-impact fixes and the next best action. Whether it's optimizing a slow query, addressing inefficient code paths or catching recurring exceptions, APM Recommendations shows developers exactly where to improve performance, reduce errors and cut down resource usage—all before users are affected.
- **[APM Investigator](#)**, to help engineers troubleshoot and resolve latency spikes faster. It automates a previously manual process by identifying bottlenecks, scoping impact, highlighting patterns across slow traces, suggesting likely causes and proposing a fix.

To learn more about Datadog's latest Applied AI capabilities, please visit: <https://www.datadoghq.com/product/platform/bits-ai/>.

Bits AI SRE, Bits AI Dev Agent, Bits AI Security Analyst, Proactive App Recommendations and APM Investigator were announced during the [DASH](#) keynote. The replay is available [here](#). During DASH, Datadog also announced launches in [AI Observability](#), [AI Security](#), [Log Management](#) and released its [Internal Developer Portal](#).

About Datadog

Datadog is the observability and security platform for cloud applications. Our SaaS platform integrates and automates infrastructure monitoring, application performance monitoring, log management, user experience monitoring, cloud security and many other capabilities to provide unified,

real-time observability and security for our customers' entire technology stack. Datadog is used by organizations of all sizes and across a wide range of industries to enable digital transformation and cloud migration, drive collaboration among development, operations, security and business teams, accelerate time to market for applications, reduce time to problem resolution, secure applications and infrastructure, understand user behavior and track key business metrics.

Forward-Looking Statements

This press release may include certain "forward-looking statements" within the meaning of Section 27A of the Securities Act of 1933, as amended, or the Securities Act, and Section 21E of the Securities Exchange Act of 1934, as amended including statements on the benefits of new products and features. 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. Actual results may differ materially from those described in the forward-looking statements and are subject to a variety of assumptions, uncertainties, risks and factors that are beyond our control, including those risks detailed under the caption "Risk Factors" and elsewhere in our Securities and Exchange Commission filings and reports, including the Annual Report on Form 10-K filed with the Securities and Exchange Commission on May 6, 2025, as well as future filings and reports by us. Except as required by law, we undertake no duty or obligation to update any forward-looking statements contained in this release as a result of new information, future events, changes in expectations or otherwise.