



MongoDB Delivers the Future to Developers with MongoDB 5.0 and Serverless Atlas

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Application Data Platform Provides Native Time Series Capabilities, Versioned API and Live Resharding to Make Developers More Productive

NEW YORK, July 13, 2021 /PRNewswire/ -- [MongoDB](#), Inc. (NASDAQ: MDB), the leading, modern general purpose database platform, today announced a series of revolutionary product enhancements from the keynote stage of MongoDB's annual conference, [MongoDB Live](#). These updates include the launch and General Availability of MongoDB 5.0 with native time series support, the preview of serverless databases in MongoDB Atlas, and the continued evolution of its industry leading application data platform with enhancements to Atlas Search, Atlas Data Lake, and MongoDB's end-to-end mobile data solution, Realm.



"MongoDB is the world's pre-eminent application data platform for building the applications of today and tomorrow. With the end of the global pandemic in sight, enterprises everywhere feel a sense of urgency to use software and data as a competitive advantage. The best way to do this is by giving developers access to technologies that align to the way they think and code to enable high productivity," said Dev Ittycheria, President & CEO of MongoDB. "Today's announcements remove even more friction and complexity from the developer experience and enable developers to build innovative and highly scalable applications for a wide range of use cases faster than on any other platform. MongoDB is incredibly popular among developers everywhere, and is used by nearly 27,000 customers around the world to transform their businesses."

The Latest Generation of Database Most Wanted by Developers

From multi-cloud clusters or serverless instances in Atlas to private and hybrid deployments managed by Ops Manager 5.0 and Kubernetes, no other database gives developers as much freedom. MongoDB 5.0 makes it even easier to support a broader range of workloads, introduces new ways of future-proofing applications, and further enhances privacy and security.

Notable new features include:

- **Native Time Series** collections, clustered indexing, and window functions make it easier, faster, and lower cost to build and run applications like IoT and financial analytics, and to enrich enterprise data with time series measurements.
- **Seamless Data Redistribution: Live Resharding** allows users to change the shard key for collections on-demand as workloads grow and evolve, with no database downtime or complex migrations.
- **Future-proof Application Compatibility:** Developers can now future-proof their applications with the **Versioned API**. The application lifecycle can be decoupled from the database lifecycle, providing a level of investment protection that is ahead of other databases. Developers can have confidence that their application code will continue to run unchanged for years, without interruption, even as the database is upgraded and improved beneath it.
- **Multi-cloud privacy controls:** MongoDB's unique **Client-Side Field Level Encryption (FLE)** now brings some of the strongest data privacy controls to multi-cloud clusters. Backed by always-on auditing and certificate rotation, MongoDB 5.0 helps users maintain a strict security posture with no interruption to applications, and with the freedom to run applications anywhere.

Serverless Database on MongoDB Atlas Now in Preview

Developers can now get the flexible, expressive power of the industry-leading document database with the ease of a serverless model. Serverless instances, now available in preview, support the latest MongoDB capabilities so users never have to worry about backwards compatibility or upgrades. Users simply choose a cloud region to get started, then start building with documents that map directly to objects into code.

"Prior to MongoDB 5.0, the [Bosch IoT Insights](#) cloud service relied on a custom solution with its own bespoke data model for time series data. This approach added complexity and friction to both our own developers and to our customers," said Erwin Segerer, Software Developer, Bosch.IO.

"MongoDB 5.0 and its time series collections radically simplifies our technology stack and improves user experience. IoT data is automatically stored in a highly optimized format that reduces storage consumption while also enabling fast and efficient queries and analytics against the data. As a result, users unlock insights faster—no matter if it is time series or non time series data—all while working with a single intuitive and powerful query API."

Additional Enhancements from MongoDB

- **Atlas Search** now includes Function Scoring which allows users to apply mathematical formulas on fields within documents to influence their relevance, such as popularity or distance. Users can also now define collections of synonyms

for a particular search index. By associating similar terms with each other, users can respond to a wider range of user-initiated queries in applications.

- **MongoDB Realm** now supports the Unity game engine. Users can now use Realm to store game data, like scores and player stats, and sync it automatically across devices. MongoDB is also investing in support for more cross-platform frameworks — the Kotlin Multiplatform and Flutter/Dart SDKs are now both available in Alpha.
- **MongoDB Charts** is now integrated with **Atlas Data Lake**. Users can now easily visualize rich data stored in Amazon AWS S3 without any data movement, duplication or transformation. By adding Atlas Data Lake as a data source in Charts, users can discover deeper, more meaningful insights in real-time

For the full list of new features and enhancements released at MongoDB.live 2021 please visit: <https://www.mongodb.com/new>

About MongoDB

MongoDB is the leading modern, general purpose database platform, designed to unleash the power of software and data for developers and the applications they build. Headquartered in New York, MongoDB has more than 26,800 customers in over 100 countries. The MongoDB database platform has been downloaded over 175 million times and there have been more than 1.5 million registrations for MongoDB University courses.

Forward-Looking Statements

This press release includes 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 the anticipated benefits of new product features. These forward-looking statements include, but are not limited to, plans, objectives, expectations and intentions and other statements contained in this press release that are not historical facts and statements identified by words such as "anticipate," "believe," "continue," "could," "estimate," "expect," "intend," "may," "plan," "project," "will," "would" or the negative or plural of these words or similar expressions or variations. 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. Furthermore, 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, without limitation: the impact that the precautions we have taken in our business relative to the ongoing COVID-19 pandemic may have on our business; the financial impacts of the COVID-19 pandemic on our customers, our potential customers, the global financial markets and our business and future operating results; our potential failure to meet publicly announced guidance or other expectations about our business and future operating results; our limited operating history; our history of losses; failure of our database platform to satisfy customer demands; the effects of increased competition; our investments in new products and our ability to introduce new features, services or enhancements; our ability to effectively expand our sales and marketing organization; our ability to continue to build and maintain credibility with the developer community; our ability to add new customers or increase sales to our existing customers; our ability to maintain, protect, enforce and enhance our intellectual property; the growth and expansion of the market for database products and our ability to penetrate that market; our ability to integrate acquired businesses and technologies successfully or achieve the expected benefits of such acquisitions; our ability to maintain the security of our software and adequately address privacy concerns; our ability to manage our growth effectively and successfully recruit and retain additional highly-qualified personnel; and the price volatility of our common stock. These and other risks and uncertainties are more fully described in our filings with the Securities and Exchange Commission ("SEC"), including under the caption "Risk Factors" in our Quarterly Report on Form 10-Q for the quarter ended April 30, 2021 and other filings and reports that we may file from time to time with the SEC. 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.

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