Discover all the latest updates, from new functionality in MongoDB 6.0 to the general availability of flexible sync and serverless databases in MongoDB Atlas, and much more.

Supporting a wide spectrum of use cases

These new capabilities allow teams to address more application use cases with a consistent developer experience and a more elegant data infrastructure.

- **Time series enhancements.** Introduced in MongoDB 5.0, time series collections make it easier and faster to support the requirements of time series workloads. In the upcoming MongoDB 6.0 release, time series collections will support secondary indexing on any field, including geo-index measurements, and feature faster performance for sorting data and “last point” queries. Learn more

- **New Atlas Search functionality.** Atlas Search allows you to build relevance-based application search 30% to 50% faster. Search facets will allow you to build experiences that allow end users to more seamlessly browse, narrow down or refine their results by different dimensions. In addition, cross-collection search allows you to return results from multiple collections. Learn more

- **Powering in-app analytics.** Easily power in-app analytics to deliver richer experiences. Nodes used for workload isolation in Atlas can now be scaled separately so you can tune your cluster for both transactional and analytical workloads. Column store indexing will allow you to dramatically speed up analytical queries without having to move data to another system. Learn more

Addressing more of the data lifecycle

Seamlessly move, analyze, and transform your data in Atlas without relying on batch processing or ETL jobs.

- **Atlas Data Lake.** Atlas Data Lake will feature fully managed storage capabilities that provide the economics of cloud object storage while optimizing for analytical queries. Atlas Data Lake reformats and creates partition indexes to partition data as it is ingested from Atlas databases, creating a highly performant companion data lake. Learn more

- **Atlas Data Federation.** Atlas features built-in data federation capabilities that allow teams to create virtual databases and work with data that resides in a range of different sources. Development teams can query, transform, or create views across multiple collections, MongoDB clusters, and cloud storage buckets. Learn more

- **Atlas SQL interface.** Available in preview, the new Atlas SQL Interface provides a great experience for business and data analysts to interact with Atlas data in a read-only interface. Additionally, teams will be able to data across Atlas clusters and cloud object stores using SQL without the need for data manipulation, schema definition, or flattening of data. Learn more
Built for modern application architectures

New products, features, and integrations that grant teams the flexibility to deploy alongside an application architecture.

**Atlas serverless databases.** Serverless databases are now generally available. Support a wide range of application requirements with little to no initial configuration or ongoing capacity management. Take advantage of the ability to scale to zero and deploy in all three major clouds. Atlas also features tiered pricing which automatically reduces costs without upfront commitments. Learn more

**Cluster-to-cluster synchronization.** Continuously synchronize data between clusters across environments whether in Atlas, in your private cloud, on-premises, or on the edge. Cluster-to-cluster synchronization allows you to easily migrate data to the cloud, create test environments, create dedicated analytics environments, and support data residency requirements. Learn more

**More flexible device sync.** Atlas Device Sync connects Atlas databases to Realm, the popular mobile database for mobile and edge devices. The general availability of a new flexible sync capability grants granular control over the data synced to user applications, supporting intuitive language-native queries and hierarchical permissions. Learn more

The most sophisticated levels of data encryption

**Queryable Encryption,** available in preview with MongoDB 6.0, introduces the industry’s first encrypted search scheme using breakthrough cryptography engineering. This technology gives developers the ability to query encrypted sensitive data in a simple and intuitive way without impacting performance, with zero cryptography experience required. Learn more

**Atlas Data API.** Now generally available, the Atlas Data API lets you read or write data in Atlas using standard HTTPS requests. This allows you to easily incorporate your data in situations where it might be difficult to embed a driver — e.g. when working with cloud and edge functions, serverless app platforms, CI/CD tools, or productivity tools. Learn more

**Vercel integration.** Vercel is a popular platform for frontend frameworks and static sites. A new integration will make it easy to get started with MongoDB Atlas as your backend database. Using Vercel’s Integrations Marketplace, you can now deploy new web experiences on Atlas with zero configuration and instantly start building with MongoDB. Learn more

Control everything from your command line

Now generally available, the Atlas CLI is the fastest way to create and manage an Atlas cluster, automate ongoing operations, and so much more. Register, provision, and manage deployments. Script repetitive tasks. Create users and manage their access. Set up network access and your backup strategy. Everything you can do in the GUI you can now do from your command line. Learn more

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