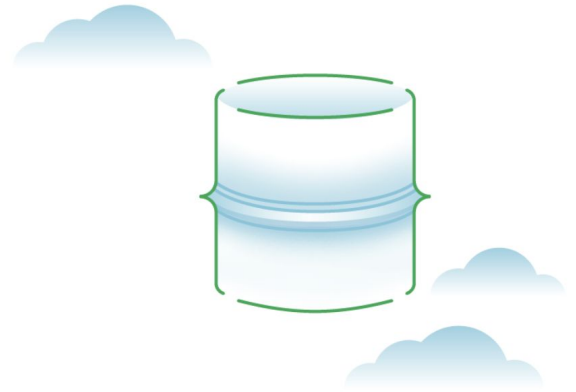


MongoDB Atlas: Database as a Service on AWS, Azure, GCP



MongoDB Atlas is the global cloud database service for modern applications. Deploy fully managed MongoDB across Amazon Web Services, Microsoft Azure, or Google Cloud with best-in-class automation and proven practices that guarantee availability, scalability, and compliance with security standards.

Available on-demand through a pay-as-you-go model, MongoDB Atlas provides all of the features of MongoDB without the operational heavy lifting and is designed for agile teams who'd rather spend their time building apps than managing databases.



Benefits

- **Automated database lifecycle.** MongoDB Atlas automates infrastructure provisioning, setup, and deployment so your teams can get the database resources they need, when they need them. Patches and minor version upgrades are applied automatically. And when you need to modify your cluster — whether it's to adjust capacity or perform an upgrade — Atlas lets you do so in a few clicks or API calls with no downtime windows required.
- **Always on and durable.** With MongoDB Atlas, your self-healing clusters are made up of geographically distributed database instances to ensure no single point of failure. You can even replicate your database across multiple cloud regions for multi-region fault tolerance. Atlas also includes powerful features to enhance reliability for your mission-critical production databases, such as cloud backups with point-in-time data recovery.
- **Highly scalable for global applications.** MongoDB Atlas allows you to scale your database's compute, memory, and storage resources with only a few mouse clicks or an API call. For a more hands-off approach to capacity management, simply enable auto-scaling and Atlas will automatically scale your deployments up or down based on resource utilization. If you need to scale your application to serve globally dispersed users, you can easily deploy a single, distributed database that spans as many cloud regions as you need and provide low latency read and write access anywhere in the world.
- **Secure from the start.** With MongoDB Atlas, your databases are deployed in unique VPCs or VNETs for network isolation. Leverage IP access lists and network peering, always-on authentication, encryption at rest and encryption in transit, and sophisticated role-based access management to control access to your data. Atlas also supports enterprise security features such as encryption key management, LDAP integration, and database-level auditing for organizations with more advanced requirements.
- **Simplified performance optimization.** MongoDB Atlas includes an integrated set of features that take the pain out of database monitoring and optimization. Get deep visibility into your cluster using optimized graphs tracking dozens of key metrics. Easily customize and send alerts, see what's happening in your cluster in real-time, and take advantage of automatically generated suggestions to improve query performance.
- **Available on your cloud.** MongoDB Atlas is available near you, with support for over 70 cloud regions across Amazon Web Services, Microsoft Azure, and Google Cloud Platform.

A Database Service Like No Other

As the company behind MongoDB, we're able to deliver a service with advanced features that integrate seamlessly with the newest database capabilities as soon as they are released.

- **Atlas Online Archive.** Automatically tier your data based on performance requirements for a more efficient system. Atlas moves infrequently accessed data from your databases to queryable archival storage, allowing you to reduce costs while preserving easy access to historic data through federated queries.
- **Atlas Search.** Build fast, relevant, full-text search on top of your data in the cloud. Create powerful data processing pipelines that combine search with the rich MongoDB Query Language (MQL), all with no additional infrastructure or systems to manage.
- **MongoDB Realm integration.** Rapidly deliver best-in-class mobile applications with an intuitive mobile database, sync to MongoDB Atlas, built-in conflict resolution, and more.
- **MongoDB Charts.** The best way to create visualizations of MongoDB data. Connect to any Atlas cluster as a data source, create charts and graphs, embed them into your applications or build live dashboards for sharing and collaboration.
- **Receive automated performance tips.** The built-in Performance Advisor provides you with index recommendations prioritized by estimated impact and schema recommendations to help you avoid common pitfalls when working with the document data model.
- **Deploy infrastructure as code.** Integrate Atlas into your continuous delivery workflow by automating cloud data infrastructure deployment and configuration through Terraform. The Terraform MongoDB Atlas Provider makes it easy to provision, update, and manage Atlas configurations as code.
- **Live migrate your data.** Supporting an app with a MongoDB cluster running somewhere else? Want to migrate an Atlas database between cloud providers? No problem — Atlas makes it simple to live migrate your data with minimal impact to your application.

Resources

We are the MongoDB experts. Over 20,000 organizations rely on our commercial products. We offer software and services to make your life easier. For more information, please visit mongodb.com or contact us at sales@mongodb.com.

- Case studies (mongodb.com/customers)
- Resource center (mongodb.com/resource-center)
- Free online training (university.mongodb.com)
- Documentation (docs.mongodb.com)
- MongoDB download (mongodb.com/download)
- MongoDB Realm (mongodb.com/realm)
- MongoDB Atlas database as a service (mongodb.com/atlas)

