

10 reasons to upgrade from MongoDB Community to MongoDB Atlas on Google Cloud

The free and open-source MongoDB Community Edition is a great way to get to know MongoDB – to kick the tires and work on pilot projects. However, there comes a point when MongoDB Atlas on Google Cloud will better suit most organization's needs.

MongoDB Atlas is a fully managed developer data platform, ready to handle all the complexity of deploying, managing, and scaling database deployments on Google Cloud – while accelerating development and providing support for advanced use cases.

Here are 10 things that you can do better with MongoDB Atlas:

- 1 Eliminate hardware headaches.**
MongoDB Community Server is self-managed, and many instances are hosted locally. But MongoDB Atlas is fully managed in Google Cloud. Moving to MongoDB Atlas eliminates the hidden costs and limitations of onsite hardware and data centers.
- 2 Streamline enterprise-grade infrastructure.**
With MongoDB Atlas, you get automated configuration and deployment, fully managed compute and storage scaling, automated backups and monitoring, a 99.995% uptime SLA, multi-cloud and multi-region support, and enterprise-grade security, compliance, and auditing capabilities. Your developers can shed their infrastructure management tasks to instead focus on new products and use cases.
- 3 Boost security without third parties.**
MongoDB Atlas on Google Cloud offers enterprise-grade security and compliance features automatically – including complete auditing – whereas with MongoDB Community Server, users must engage and manage third-party encryption-at-rest and auditing solutions.
- 4 Unify your data operations.**
With a single platform for transactional workloads, app-driven analytics, full-text search, charts, AI-enhanced experiences, stream data processing, and more, MongoDB Atlas empowers your developers to do more with data, simplifying data operations and accelerating time to market.

5 Take advantage of expertly engineered data services.

To explore data services such as search, generative AI, IoT data, and client-side data, self-service MongoDB Community Server requires obtaining, integrating, and managing third-party services. This leads to technical headaches and increased resource needs and costs. With MongoDB Atlas, that functionality is already expertly engineered and integrated – no third parties needed.

6 Automatically scale up or down.

A key challenge of self-managed services is being able to quickly scale to meet demand, spin up new instances for projects, and right-size your infrastructure needs to reduce wasted costs. Cloud-based MongoDB Atlas offers automated scaling, so you can manage virality or seasonal spikes without overprovisioning and easily grow without technical challenges.

7 Integrate with your favorite Google Cloud services.

While it's possible for Community customers to self-integrate MongoDB Atlas with Google-native services like BigQuery, Datastream, Google Kubernetes Engine (GKE), Apigee, and AI/ML, MongoDB Atlas customers benefit from joint-engineered, streamlined integrations that just work – enabling fewer roadblocks and a quicker path to innovation.

8 Expand without limits.

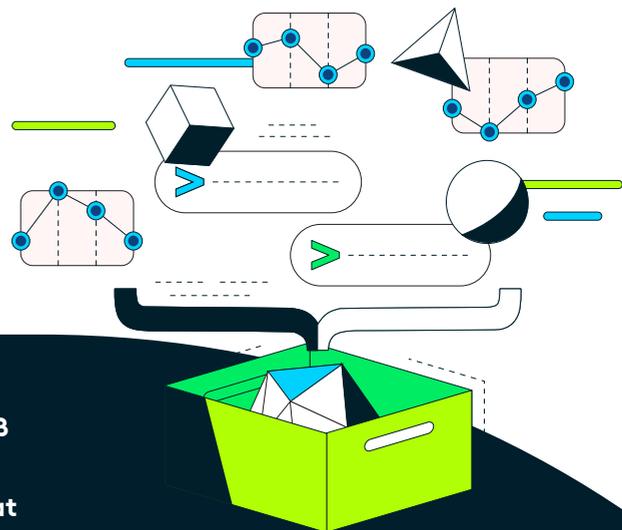
When you run MongoDB Community Server in a local environment, expanding to new regions means more hardware, more staffing, and more headaches. With 37+ Google Cloud regions (with 3 availability zones in each), MongoDB Atlas users can reach more customers, deliver fast and consistent user experiences, protect against outages, and meet data sovereignty requirements.

9 Get the support you need.

MongoDB Community is open-source and unsupported. Should you have issues, challenges, or specific needs you wish to explore, you can get expert help with MongoDB Atlas.

10 Simplify procurement and vendor management.

With the enterprise-grade features of MongoDB Atlas, you can let go of many third-party services needed when running MongoDB Community Server. Use your Google Cloud credits, and enjoy streamlined billing and flexible pay-as-you-go pricing in [Google Cloud Marketplace](#).



Moving from MongoDB Community server to MongoDB Atlas on Google Cloud allows your team to build sophisticated, enterprise-ready, data-driven apps that include modern data services, engage users, and move your business forward. With MongoDB Atlas, you can focus on innovative builds — and we'll handle the rest.

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