aws marketplace

MongoDB Atlas

Reviews, tips, and advice from real users

Contents

Product Recap

MongoDB Atlas

MongoDB Atlas Recap

MongoDB Atlas stands out with its schemaless architecture, scalability, and user-friendly design. It simplifies data management with automatic scaling and seamless integration, providing dynamic solutions for diverse industries.

MongoDB Atlas offers a cloud-based platform valued for its seamless integration capabilities and high-performance data visualization. It features advanced security options such as encryption and role-based access control alongside flexible data storage and efficient indexing. Users benefit from its robust API support and the ability to manage the platform without an extensive setup process. Feedback suggests improvements are needed in usability, query performance, security options, and third-party tool compatibility. While pricing and support services could be more economical, there is a demand for enhanced real-time monitoring and comprehensive dashboards, as well as advanced containerization and scalability options supporting complex database structures.

What are the key features of MongoDB Atlas?

- Schemaless Architecture: Flexible data storage without predefined structure.
- Automatic Scaling: Dynamically adjusts resources to meet demand.
- Advanced Security: Encryption and role-based access control.
- User-Friendly Interface: Simplified management and operation.
- Robust API Support: Facilitates integration with applications.

What benefits should you consider in a solution like MongoDB Atlas?

- Cost-Effective Management: Minimizes setup and operational costs.
- Dynamic Data Management: Adapts to varying business demands.
- Seamless Integration: Connects easily with other tools and frameworks.
- High Performance: Optimized for real-time data processing and visualization.
- Reliable Support: Accessible assistance and comprehensive documentation.

In healthcare and finance, MongoDB Atlas manages payment transactions and facilitates real-time analytics, powering SaaS solutions and storing large volumes of user data. It enhances scalability, performance, and security for cloud hosting, IoT integrations, and Node.js environments, widely favored for its flexibility and capability to support microservices.

Valuable Features

Excerpts from real customer reviews on PeerSpot:

✔ "The price of MongoDB Atlas is reasonable, which is why many organizations, including mine, are opting for it."

Laksiri Bala

DB Architect / Consultant at Virtusa Global

✔ "I find MongoDB Atlas highly scalable and easy to use, with very good support."

Luca Botti

Partner at Red software systems

✔ "I rate MongoDB Atlas a nine out of ten."

Dhiraj Verma

General Manager at Kaleyra

✔ "For security reasons, I prefer MongoDB Atlas. It supports role-based access control, so you have an entity for each individual."

LijomonJose

System Architect at UST Global EspaÃ±a

✔ "The most beneficial MongoDB features for our workload are the ability to scale up and down using automatic sharding and clustering."

Ido Ben Ami
Software Architect at Yum! Brands

✔ "It is a scalable solution because we use quite a lot of data, and it handles it well."

NikolayBachvarov
Software Architect at AIOPS group

✔ "MongoDB Atlas is very easy to use and user-friendly, and you get what you're paying for."

Dave Ezrakhovich
Site Reliability Engineering at WiseTech Global

What users had to say about valuable features:

"MongoDB is a NoSQL tool. We can easily add fields. It provides more flexibility to store data. It is flexible to changes. I have not encountered any performance issues.."

Bhaskar N Subramanian
Founder at Hobbycue.com

Read full review [↗]

MongoDB Atlas offers replication, which is cheaper than Oracle RAC, making it appealing to certain industries. It is particularly useful for unstructured and semi-structured data because of its performance in these areas. Sharding and partitioning are supported, though they don't reach the same level as Oracle's capabilities. This cost-effective solution assists organizations in data storage and management.

Laksiri Bala
DB Architect / Consultant at Virtusa Global

Read full review [↗]

"The most useful feature is the management of the backup. I use a managed tool offered by MongoDB to manage an on-prem environment and compare it with the SaaS service and software. The solution is very ready-to-use and it is much simpler to manage backups, which cuts down on the amount of work and stress. However, at least two other features should be mentioned in the current versions. Search integrated with Lucene and the possibility of storing vector data. ."

Andrea Berri   Read full review ↗
Big Data Consultant at a tech services company with 11-50 employees

"The most valuable features of MongoDB Atlas in handling large data volumes include collection size and its NoSQL database capabilities.

"The security features of MongoDB Atlas support our organization very well.

"My company has seen financial benefits from using MongoDB Atlas because we are using open source.."

Dhiraj Verma   Read full review ↗
General Manager at Kaleyra

"I find MongoDB Atlas highly scalable and easy to use, with very good support. The pricing is quite scalable and applies to various scenarios, both for smaller and bigger companies.

MongoDB Atlas has supported our data growth well, and my overall impression is very positive. It is easy to work with and has a reliable support structure. For structured data storage and performance, it provides a comprehensive solution, and the feedback was generally positive.."

Luca Botti
Partner at Red software systems

Read full review ↗

"For security reasons, I prefer MongoDB Atlas. It supports role-based access control, so you have an entity for each individual.

Spring Cloud ensures I have this set with Atlas, and Spring Security is entering the security for me. That's why I feel Spring Security is much better. Even if you expose a public method, it will be exposed via an authentication token.

If you're putting a direct authentication case authentication with their sync of Google token, just put a sync token directly. It will automatically type your method. Even if you expose a public method, it will be exposed via authentication token. Unmasked analytics, you have PeerSpot on or authentication token. It won't get executed.."

LijomonJose
System Architect at UST Global EspaÃ±a

Read full review ↗

Other Solutions Considered

"My team only recommended MongoDB. We haven't worked with other databases for our current projects. I have worked with SQL Server and Oracle in the past as an SAP consultant, but those were for ERP systems, not application development.."

IrfanRashid
Owner at Atominos consulting

Read full review [↗]

"We have used other databases as well, including Google Cloud, for the past two years on our current project. My company policy guides such decisions. Overall, the company is happy with MongoDB.."

NikolayBachvarov
Software Architect at AIOPS group

Read full review [↗]

"I have worked with MySQL and PostgreSQL. MongoDB stands out for managing JSON and document types most efficiently. While other databases support JSON fields, MongoDB offers the best solution for handling JSON data.."

Ido Ben Ami
Software Architect at Yum! Brands

Read full review [↗]

"We decided to use MongoDB Atlas because we required some dynamic data structures. We never wanted to stick with a well-defined one. When there were questions about using well-defined ones, PostgreSQL turned out to be one of the choices, but we chose MongoDB Atlas.."

Sajith Paul   Read full review ↗
Prime Associate Member at a computer software company with 11-50
employees

"I prefer GCP because it's free and has great features related to artificial intelligence and the network is also very good. However, Azure has the best interface that is easy to use and deploy. It has ERM templates, which are JSON templates used to define resources that can be deployed, making it easier to work with. In contrast, GCP lacks such templates and some APIs are not easy to use.."

Gabriel Anderson   Read full review ↗
Sr Software Engineer at a engineering company with 10,001+ employees

"Before making the ultimate decision to select MongoDB Atlas as our database platform, we thoroughly evaluated several other options that were available to us. We had access to the Cassandra database system and the Relational Database Service (RDS), as well as our existing traditional database systems such as Oracle. All of these options were carefully examined and evaluated to ensure that we were making the best decision for our needs.

The choice to utilize the MongoDB Atlas was made due to the complexity and richness of the data sets that needed to be stored. The team evaluated other options, including Amazon's DynamoDB, but found that MongoDB Atlas was seamless and was a better fit for their needs. The benefits of using MongoDB Atlas include the ability to handle complex data without the constraint of a strict schema. There have not been any drawbacks or negative experiences in using this solution, as the team has consistently found it to be effective and efficient.."

Verified user
Principal Engineer at a financial services firm with 10,001+ employees

Read full review ↗

ROI

Real user quotes about their ROI:

"In some teams, companies, and projects, there might be two to three people dedicated to everything, which is a lot. If these skills to analyze productivity or cost saving can be automated, these people can teach others and do more valuable work. It's all win-win.."

NikolayBachvarov
Software Architect at AIOPS group

[Read full review ↗](#)

"We have witnessed an ROI while using Atlas. The cost was reduced greatly in comparison to our previous solution. There's also cost reduction spent on engineers in terms of maintenance.."

Marco Giovannini
Cloud Architect Freelancer at 73 Team

[Read full review ↗](#)

"There is some ROI because we don't need to have a separate operations team to maintain servers physically. MongoDB Atlas eliminates the need to worry about physical things like energy and space, as they are managed by the cloud provider.."

Gabriel Anderson   Read full review [↗]
Sr Software Engineer at a engineering company with 10,001+ employees

"I don't have many complaints about MongoDB Atlas, ROI-wise. It's just the support that's a little expensive, so on that side, there's not a very great ROI. However, from the database side, as MongoDB Atlas has many new features coming in, the ROI is okay.."

Souvik Banerjee   Read full review [↗]
Software Development Engineer at a tech vendor with 1-10 employees

"The ROI with MongoDB Atlas depends on how well you manage your data and throughput. It is crucial to understand your data and use their tools effectively. Mismanagement can lead to higher costs, especially with scaling, so careful monitoring is essential.."

Ido Ben Ami   Read full review [↗]
Software Architect at Yum! Brands

"In my previous company, the product allowed use to build a database in a highly regulated environment with the ability to get distributed storage. We used MongoDB as a distributed storage to set up this environment for a critical business application with millions of dollars.."

Alain Rouen
Technical Director for Innovation Lab at Smile

Read full review ↗

Use Case

I primarily use Oracle databases, but I work with many other databases such as MongoDB Atlas and several cloud databases. I utilize MongoDB Atlas predominantly for training-level projects in resource grooming and for sub-projects at my office. It is used alongside Oracle and Postgres in these training layers.

Laksiri Bala
DB Architect / Consultant at Virtusa Global

Read full review ↗

"We store all our data in MongoDB. Our frontend application is .NET, our backend is .NET, and the database is MongoDB.

We have two products running on MongoDB: a financial expense management solution and a sustainability product.."

IrfanRashid
Owner at Atominos consulting

Read full review ↗

"We are using MongoDB Atlas for our log storage, transactional log storage, and we are into CPaaS business, communication platform as a service.

"We are also using PostgresSQL in some of the applications, alongside MongoDB Atlas.."

Dhiraj Verma
General Manager at Kaleyra

"I used MongoDB Atlas for structured data storage as part of an application service provided to one of our customers. The application was based on MongoDB and Atlas. While Google Cloud SQL was used for consulting, I interacted with Google Cloud but was not the final decision maker.."

Luca Botti
Partner at Red software systems

"For MongoDB as a service, there are two distinct ways to use it: as a personal user, where one can register on Atlas and experiment with its features; and as a professional, where one can use it for backup management, environment management, and creating figures. Additionally, MongoDB Atlas has features such as data lake capability, the ability to create charts from queries without using other BI tools, and Apache Lucene for text search. I have experimented with these features, but I have not used them professionally. The most relevant use for me is managing backups. Atlas MongoDB also allows for making REST calls and creating applications with triggers, although I have not used it for programming applications much.."

Andrea Berri   Read full review ↗
Big Data Consultant at a tech services company with 11-50 employees

"We use an application called Fully Factory in the Indian stock market. It works by setting price ranges for stocks. For example, if the Bank of India stock sells between 800 and 810 rupees, you set a range of 800 to 850 rupees. The system prioritizes buyers with the lowest price and highest quantity.

MongoDB's "find first" function quickly locates and blocks the remote and quantity. The client's amount is shown in the record, and then it's processed. We take around 500 records, and the first 100 are processed in a batch. This gets executed and recorded. Developers handle tasks like JP, AR, and AP separately. We update the client's inventory and pass it to a third party. In Microsoft, we use the same client cover to determine the quantity and product details. This is then executed in their API Acondra server system.

So, MongoDB Atlas is used in stock market applications to handle large-scale data processing.."

LijomonJose

Read full review [↗]

System Architect at UST Global EspaÃ±a

Setup

The setup process involves configuring and preparing the product or service for use, which may include tasks such as installation, account creation, initial configuration, and troubleshooting any issues that may arise. Below you can find real user quotes about the setup process.

"The initial setup is not very complex. It is easy to use. It's easy to deploy on MongoDB. We push from GitHub. From there, we specify where the data is restored in MongoDB. We continue to connect. It puts the data and delivers it to Argo City.."

Shivam_Tiwari   Read full review ↗

DevOps Engineer at Revenue Box Technologies, Pvt Ltd

"MongoDB's setup is very easy. We plan to only use MongoDB for our future database needs.

It works very well with the .NET and Angular platforms due to the flat file support. So, we went with that option.."

IrfanRashid   Read full review ↗

Owner at Atominos consulting

"The initial setup is not too difficult but can be somewhat tricky.

It is tricky mainly in terms of configuration, especially if it's not internet-accessible, configuring it to stay within the same data center while allowing developers access without network barriers.."

MuhammadBilal7

Read full review ↗

DevOps Engineer at InvoZone

"The initial setup of MongoDB Atlas is straightforward. The user-friendly UI guides you through the setup process seamlessly. It would be beneficial if they could maintain this simplicity across different operating systems. Additionally, if they can streamline the process to easily deploy with containers, it would greatly enhance user experience and make life easier.."

MphoMorake

Read full review ↗

Principal consultant at Mmusigroup

"The setup is automated through our partner using Terraform for provisioning, not just for MongoDB but for our whole infrastructure. We manage daily deployments using TerraForm, and MongoDB setup on Google Cloud is very smooth.

The deployment is very quick. For example, microservices using MongoDB start very quickly, possibly within a minute.

We haven't had major issues with deployment or configuration. Maybe initial configuration fine-tuning for performance can be time-consuming, but the initial effort pays off later with reduced maintenance needs.

Expertise in automation and deployment processes is helpful and worth learning within the team.."

NikolayBachvarov
Software Architect at AIOPS group

Read full review [↗]

"It's a one-click install. Maybe, like, two settings. If you already have MongoDB, five to ten minutes is regarding some MongoDB. The only thing that you should know is the port number and the IP address if you're exposing your application to a third party. I think if you're aware of those risks, you can install it immediately. It's easy if you need to collect that data. You might know five to ten minutes.

We can install the remote engineer system. I don't think it will be a bigger task, but even if you're configuring for multiple people, you just need to add that particular port number in your system. Otherwise, it won't allow you to log in.

Even if you're using Microsoft authentication, we normally have multiple layers of authentication. So use the command password, and then you will get the notifications, whether you are getting log-in or not. That will take some time.

Maintenance:

For getting queries only, we put a Java set. From the development perspective, once the database is set up and you configure the URLs, everything works fine. You have 192.138.1.1 URL, it automatically connects to the review if the network is enabled. Then it connects to the review. However, it definitely depends on the bus service we are passing. It should work fine with no issues if the configuration is okay.That is how we install it. Once we have source, then it's the same network. If it is on the same network, we have a contract, the traffic is there, and the agent works.If I want to test whether my microservices work fine, I use them again, and they test if my microservices are working fine. Normally, almost all microservices are in a rack server, so you don't get the performance there. I haven't found any issues directly.."

LijomonJose

System Architect at UST Global EspaÃ±a

Read full review ↗

Customer Service and Support

"We have a very strong internal technical team that manages everything. We haven't needed any support from MongoDB because our team is proficient in using it.."

IrfanRashid   Read full review ↗
Owner at Atominos consulting

Technical support from MongoDB Atlas, which is open source, is satisfactory in most cases. However, when compared to top databases like EDB, Postgres, and Oracle, the features of MongoDB Atlas fall short, resulting in an average rating due to higher-expectation features still lacking in its offerings.

Laksiri Bala   Read full review ↗
DB Architect / Consultant at Virtusa Global

"Whenever we have doubts during configuration, we reach out for assistance. We must upgrade certain parameters in our MongoDB setup, prompting us to contact their support team. They resolve such issues within four to five hours.."

Shivam_Tiwari   Read full review ↗
DevOps Engineer at Revenue Box Technologies, Pvt Ltd

"The tool provides a forum where users can engage with experts. These experts offer assistance tailored to your specific needs, whether you're focused on product-centric queries or diving deep into particular use cases. Ultimately, the support you receive depends on your requirements and the extent of your experience with the platform.."

MphoMorake
Principal consultant at Mmusigroup

Read full review ↗

"I contacted customer service and support for multiple purposes while configuring. The support is quite efficient, and the guidance is quite good. Initially, when I was working on it, I had to communicate with the support team.

So, I had a good experience with the support. ."

MuhammadBilal7
DevOps Engineer at InvoZone

Read full review ↗

"For premium support, I would rate the support of MongoDB Atlas a nine.

"Premium support requires additional payment; otherwise, you can manage whatever you can yourself.

"Though I am currently not using support, I would rate it a nine.."

Dhiraj Verma   Read full review ⬈
General Manager at Kaleyra

Other Advice

The overall rating for MongoDB Atlas is around 5.5. To improve, [MongoDB](#) should enhance support for demanding graph databases, vector databases, and spatial handling. Additionally, improvements in AI capabilities, particularly vector processing, are imperative. These developments could provide MongoDB Atlas with a competitive edge.

Laksiri Bala   Read full review [↗]
DB Architect / Consultant at Virtusa Global

"I highly recommend MongoDB Atlas for both smaller and larger companies.

It is rated an eight out of ten, depending on the use case. As a document-based database, it is one of the better products on the market.."

Luca Botti   Read full review [↗]
Partner at Red software systems

"It's very easy to manage for our technical data analysts.

Overall, I would rate the solution a nine out of ten. I recommend using MongoDB because it's free for development, scalable, and user-friendly for connecting with frontend and backend technologies like Angular and .NET.."

IrfanRashid
Owner at Atominos consulting

Read full review ↗

"I give the solution an eight out of ten. I am not familiar with other SQL databases on the cloud. I know that Atlas is quite stable and the service is good, providing customers with all the necessary features to use it as a service. MongoDB Atlas is integrated and available on Google, AWS, and Azure.

I advise people to take advantage of the free courses from MongoDB University that are very well done to gain a general knowledge of MongoDB. Therefore, if someone has no experience with Mongo, they can get great preparation for the MongoDB University course without spending any money.."

Andrea Berri
Big Data Consultant at a tech services company with 11-50 employees

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"If you are looking for a robust system with a lot of security concerns, then you should go for IBM. I'm not saying MongoDB is not 100% secure, but for highly confidential data, I would suggest other solutions.

However, in MongoDB, you can do filing processes and vertical reports. Everything

can be done in MongoDB, but the newest is a relationship. You cannot maintain the referential integrity relationship. You can maintain it, but it will be a little tough.

If you want to maintain the relational database in MongoDB, the resource should be at least a minimum of one and a half years highly exposed in MongoDB. Then only we'll be able to manage that data. Even for new joiners, it is a little tough to explain how the relational database is maintained in MongoDB.

Overall, I would rate the solution an eight out of ten. ."

LijomonJose
System Architect at UST Global EspaÃ±a

Read full review ↗

"The database team consists of five to six people.

"We are not currently using the AI functionality in MongoDB Atlas, though AI-driven projects are available in their vector search.

"Based on my experience, I would recommend MongoDB Atlas to other users looking for NoSQL databases.

"We do everything on our own and are not using third-party services for maintenance.

"I am involved in the maintenance process.

"We are using MongoDB Atlas for commercial purposes.

"The number of people currently using this product in my organization is related to my platform hosted on MongoDB Atlas.

"I think it's a competitive solution compared to others, though I cannot comment on pricing as I haven't seen pricing for other products.
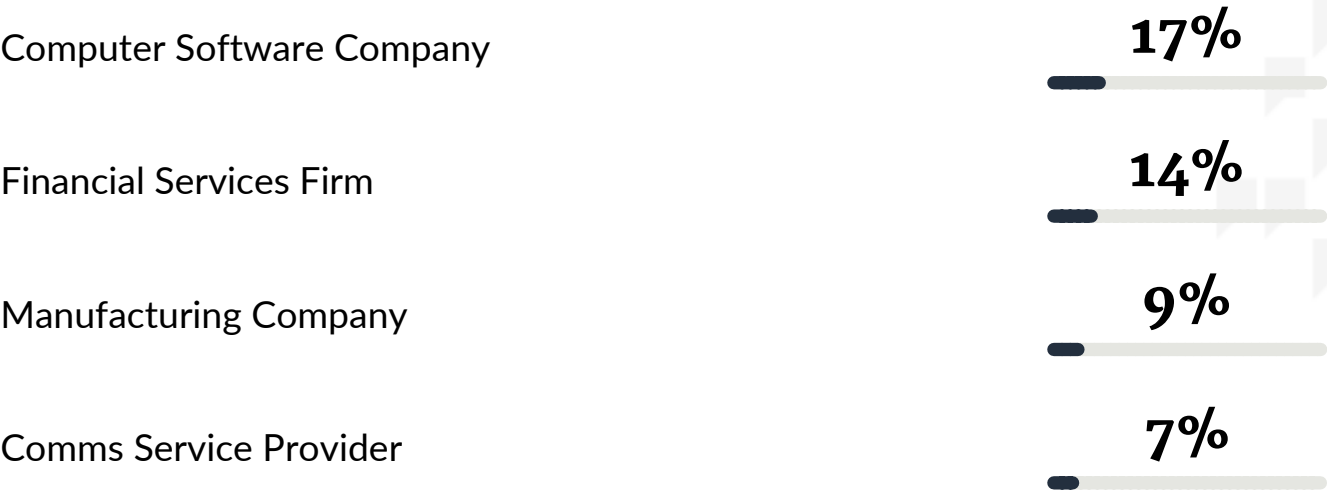
"I rate MongoDB Atlas a nine out of ten.."

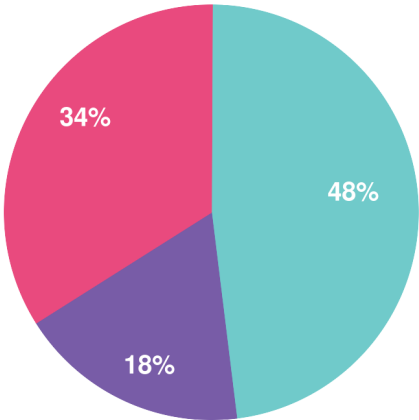**Dhiraj Verma**
General Manager at Kaleyra

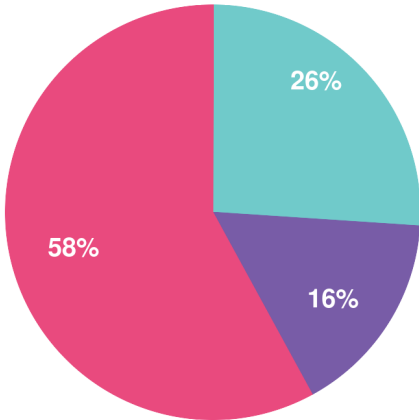Read full review ↗

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9%

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7%

Company Size

by reviewers

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18%
34%

by visitors reading reviews

26%
16%
58%

● Large Enterprise ● Midsize Enterprise ● Small Business

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