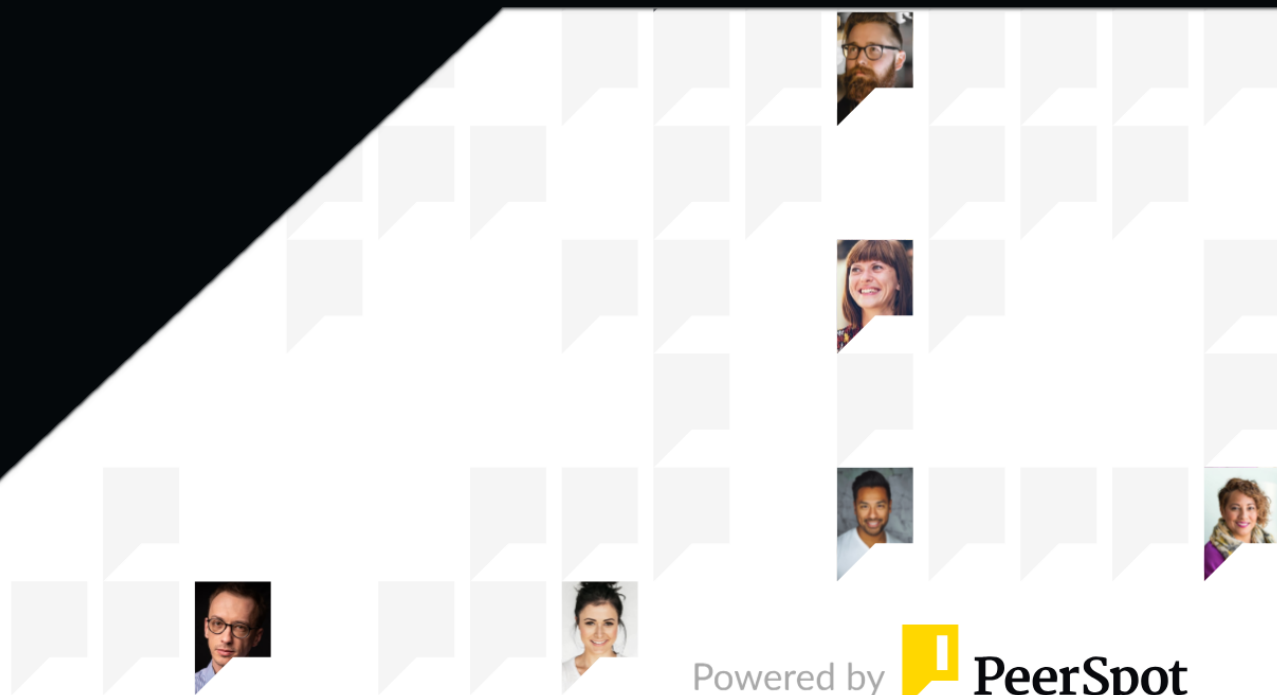




YugabyteDB Aeon

Reviews, tips, and advice from real users



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Product Recap



YugabyteDB Aeon

YugabyteDB Aeon Recap

YugabyteDB Aeon is a globally distributed SQL database designed for cloud-native applications, offering transactional consistency, high availability, and scalability. Its geo-distributed architecture ensures data is always accessible, providing seamless enterprise integration.

YugabyteDB Aeon enhances database infrastructure with features that ensure application uptime and performance. It supports multi-region deployments, offering transactional integrity without compromising latency. The architecture is built for modern hybrid cloud environments, making it suitable for businesses aiming for digital transformation. Developers and engineers benefit from its PostgreSQL compatibility, ensuring a smooth transition while leveraging existing knowledge.

What are the key features of YugabyteDB Aeon?

- Geo-distributed architecture: Ensures no single point of failure, enhancing resilience.
- Transactional consistency: Guarantees ACID transactions over distributed systems.
- PostgreSQL compatibility: Facilitates integration with existing systems and tools.
- Scalability: Handles increasing loads effectively without performance degradation.

What benefits should users expect from YugabyteDB Aeon?

- Reduced downtime: High availability ensures continuous operations.
- Cost-effectiveness: Efficient resource utilization reduces overhead costs.
- Enhanced performance: Optimizes latency and throughput for better user experiences.
- Flexibility in deployment: Compatible with cloud-based and on-premise environments.

In the finance industry, YugabyteDB Aeon is implemented for real-time analytics and processing high-volume transactions. Retailers use it to manage inventory across multiple locations efficiently. Telecom companies leverage its capabilities for managing subscriber data with high levels of consistency and availability.

Valuable Features

Excerpts from real customer reviews on PeerSpot:



“Other than that, it is really good; the system is good, and the architecture and features are really good.”



Harish Arulmozhi

Software Engineer at a consultancy with 11-50 employees



“YugabyteDB Aeon has mainly improved our ability to test applications under realistic distributed database conditions.”



Verified user

QA Engineer at a computer software company with 1,001-5,000 employees



“YugabyteDB Aeon has positively impacted my organization by reducing our downtime and effort when the server goes down since we only need to restart it and ensure all utilities are up, and with YugabyteDB Aeon, we do not need to go through that restarting process; we just need to route the traffic to different nodes and distributed clusters in our cloud-native environment.”



Verified user

QA Machine Engineer at a insurance company with 1,001-5,000 employees



“The best features YugabyteDB Aeon offers are that it is a fully managed YugabyteDB service that allows running a YugabyteDB cluster in a multi-cloud environment.”



Anup Manker

DBA at a tech vendor with 1,001-5,000 employees

What users had to say about valuable features:

“The best features YugabyteDB Aeon offers are that it is a fully managed YugabyteDB service that allows running a YugabyteDB cluster in a multi-cloud environment.

“The multi-cloud capability of YugabyteDB Aeon positively impacts my workflow, as we have different subscriptions where we have to work. YugabyteDB Aeon has positively impacted my organization by being an open-source project that helps work on open mobility as well. The main features that stand out are geo-partitioning and applications in a long capability..”

Anup Manker

DBA at a tech vendor with 1,001-5,000 employees

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“In my opinion, the distributed capability is one of the best features of YugabyteDB Aeon, which is the core of the database.

“YugabyteDB Aeon is compatible with and is basically a cloud-native, distributed SQL database.

“YugabyteDB Aeon has positively impacted my organization by reducing our downtime and effort when the server goes down since we only need to restart it and ensure all utilities are up. With YugabyteDB Aeon, we do not need to go through that restarting process; we just need to route the traffic to different nodes and distributed clusters in our cloud-native environment.

“My thoughts on YugabyteDB Aeon's AI capabilities in terms of governance and security are positive, as it works nicely, providing a platform compatible with various AI tools such as GHC, Bard, OpenAI, and ChatGPT, making it more interesting and explorable. Whenever I lack context about any option in YugabyteDB Aeon, I can simply ping the AI for clarification..”

Verified user

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QA Machine Engineer at a insurance company with 1,001-5,000 employees

“YugabyteDB Aeon has a cluster that is easy to start. They provide AWS and Google Cloud Storage for clusters, which is really good.

“Setting up a cluster in YugabyteDB Aeon is not difficult. It requires information about data consumption, CPU storage, the number of threads and cores in the cluster, and RAM usage. However, you may not know these details initially. For a free trial, I used it and found it very easy to start by simply clicking on the website and beginning to create a cluster. You do not need to configure CPU usage or any RAM details; it is predefined and ready to use.

“I have some knowledge about distributed systems, and YugabyteDB Aeon does have nodes. However, the documentation is not very good. If I were from a different field and wanted to work with a database, I would not find it user-friendly. If the documentation were generalized, it would be easier for all users across all domains.

“The easy operation and Python packages from YugabyteDB Aeon have saved my time. YugabyteDB Aeon provides psycopg binary packages specifically for YugabyteDB Aeon, which we can use to make a connection and perform read and write operations. Due to that package available in Python, we can connect and use YugabyteDB Aeon as we would any other database..”

Harish Arulmozhi

Software Engineer at a consultancy with 11-50 employees

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“The features I find most valuable in YugabyteDB Aeon are the PostgreSQL compatibility, automated data distribution, and built-in fault tolerance. From a QA perspective, I particularly value that I can test realistic failure scenarios without having to build the entire distributed infrastructure myself.

“PostgreSQL compatibility made testing easier because our team can use familiar SQL queries and existing database testing approaches without having to learn a completely different query language. When validating application changes, I can reuse queries for checking record counts, joins, and transactions and data consistency, and compare the results with our expected data.

“Automated data distribution saves us setup time, especially when we are preparing environments for load and resilience testing. We do not have to manually partition data sets or decide which node should handle specific data. YugabyteDB Aeon takes care of distributing the data across the cluster, so our setup is more focused on the test scenario itself.

“YugabyteDB Aeon has mainly improved our ability to test applications under realistic distributed database conditions. We can include scalability, failover, and high concurrency scenarios in our regular QA process instead of treating them as separate infrastructure tests..”

Verified user

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QA Engineer at a computer software company with 1,001-5,000 employees

Other Solutions Considered

“Before YugabyteDB Aeon, we primarily used PostgreSQL with a more traditional single-node setup. We switched because we needed better support for distributed workloads, higher availability, and more realistic scalability and failover testing..”

Verified user

QA Engineer at a computer software company with 1,001-5,000 employees

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“Before choosing YugabyteDB Aeon, I evaluated other options; as such, we are not using AI options other than YugabyteDB, and after YugabyteDB Aeon, I will work on multiple AI tools such as Teradata, Cloudera, and all..”

Anup Manker

DBA at a tech vendor with 1,001-5,000 employees

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“We also looked at CockroachDB and Amazon Aurora PostgreSQL before choosing YugabyteDB Aeon. We compared them mainly on PostgreSQL compatibility, distributed architecture, high availability, scalability, and how easily we could integrate them into our existing SQL-based testing workflows. We selected YugabyteDB Aeon for its combination of PostgreSQL compatibility and distributed database capabilities..”

Verified user

QA Engineer at a computer software company with 1,001-5,000 employees

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ROI

Real user quotes about their ROI:

“We have seen a positive return, mainly through time saved in environment management and testing. Because the database infrastructure is managed, our QA and development teams spend less time on cluster administration and manual configuration..”

Verified user

[Read full review](#) 

QA Engineer at a computer software company with 1,001-5,000 employees

“I have seen a return on investment from using YugabyteDB Aeon since it saves our time and employee hours, ultimately making them more productive for other tasks, resulting in savings of money that can be redirected into other projects..”

Verified user

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QA Machine Engineer at a insurance company with 1,001-5,000 employees

Use Case

“My main use case for YugabyteDB Aeon is that it is a multi-cloud PostgreSQL database, and I work as a DBA to record data, including unstructured data, and maintain storage. For a specific example of how I use YugabyteDB Aeon in my daily work, I can say this is a database that is really useful. For instance, it enables medical-specific data to be spread globally without compromising local data residency. YugabyteDB Aeon has geo-partitioning capabilities, so we can have our DBA oversee this. By utilizing a single global table instead of a standard regional database, it works on a cluster as well..”

Anup Manker

DBA at a tech vendor with 1,001-5,000 employees

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“I use YugabyteDB Aeon intermittently rather than regularly. I used it during the first month of my internship, and then two months ago, I built a RAG system using it.

“I built a RAG system with YugabyteDB Aeon where users ask questions and relevant data from YugabyteDB Aeon tables is retrieved to provide a response. We store user details in a YugabyteDB Aeon table for the implementation of that RAG system.

“Since I have not used YugabyteDB Aeon in my work, I have used it for my personal use cases. It is good and was easy to operate due to Python packages that make it straightforward to use..”

Harish Arulmozhi

Software Engineer at a consultancy with 11-50 employees

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“My main use case for YugabyteDB Aeon is testing and validating applications that rely on a distributed SQL database. I use it mainly to verify data consistency, SQL queries, application connectivity, and database behavior under different workload and failure scenarios.

“One scenario that stood out was testing how the application behaved when one database node became unavailable during an active workload. I started by inserting and updating a batch of records while running several read queries, then simulated a node failure and continued the workload.

“Our team treats database resilience as part of our regular QA coverage, rather than only testing it during major incidents. Alongside functional checks, we include scenarios for concurrent transactions, increased workloads, node failures, and recovery..”

Verified user

QA Engineer at a computer software company with 1,001-5,000 employees

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“My main use case for YugabyteDB Aeon revolves around problems we face with traditional databases like MSSQL, MySQL, and PostgreSQL because YugabyteDB Aeon gives us the flexibility when we need multiple nodes, facilitating the distributed architecture where if one node is having significant load and crashes, the other nodes can take on that load and work in a distributed way. That is the major part of YugabyteDB Aeon, and it also works in my current project, helping us alleviate the issues we face regarding the single node we are currently using without backup for different nodes to route our traffic.

“Although I do not have extensive expertise on YugabyteDB Aeon and did not explore it thoroughly, that is the key takeaway from YugabyteDB Aeon.

“A specific example of how I used YugabyteDB Aeon in my project involves our usage of MSSQL, which is a traditional SQL architecture-based database, and I find that YugabyteDB Aeon's distributed architecture really helps in our production case where we are experiencing a single node that goes down when the traffic is too much and without backup or pre-production environment. If I were using YugabyteDB Aeon, I would implement my database to YugabyteDB Aeon itself, which would solve the issues we encounter..”

Verified user[Read full review](#) 

QA Machine Engineer at a insurance company with 1,001-5,000 employees

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.

“Our experience with pricing and setup was fairly straightforward. The initial setup cost was reasonable for a managed distributed database, especially because we did not have to invest heavily in building and maintaining the underlying infrastructure ourselves. Licensing was also relatively easy to understand compared with some enterprise database products..”

Verified user[Read full review](#) 

QA Engineer at a computer software company with 1,001-5,000 employees

“I find it acceptable to integrate YugabyteDB Aeon with my existing systems and applications.

“YugabyteDB Aeon handles failover and disaster recovery in my experience by working for database recovery, and we perform HA, geo-partitioning, and all related functions..”

Anup Manker[Read full review](#) 

DBA at a tech vendor with 1,001-5,000 employees

Other Advice

“I would recommend that others who want better scaling of their data use the distributed system feature in YugabyteDB Aeon. The cluster setup is not difficult; it is very easy. These are all the things I would recommend to someone if they are going to use YugabyteDB Aeon. I would rate this product highly based on my overall experience..”

Harish Arulmozhi

Software Engineer at a consultancy with 11-50 employees

[Read full review](#) 

“I would recommend starting with a proof of concept using realistic data volumes and workloads. Pay particular attention to PostgreSQL compatibility, query performance, failover behavior, and how the platform handles scaling under concurrent workloads. It is also worth testing the monitoring and troubleshooting experience before moving critical applications to production. I would rate this product eight out of ten overall..”

Verified user

QA Engineer at a computer software company with 1,001-5,000 employees

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“A specific example of how I used YugabyteDB Aeon in my project involves our usage of MSSQL, which is a traditional SQL architecture-based database, and I find that YugabyteDB Aeon's distributed architecture really helps in our production case where we are experiencing a single node that goes down when the traffic is too much and without backup or pre-production environment. If I were using

YugabyteDB Aeon, I would implement my database to YugabyteDB Aeon itself, which would solve the issues we encounter.

“I have not experienced or had extensive hands-on work with YugabyteDB Aeon, but it was a great experience from my side.

“YugabyteDB Aeon addresses my issue of the production server going down under heavy load without backup, which was quite hectic. With YugabyteDB Aeon in place, I do not need to worry about system downtimes, as we can easily transfer traffic to different distributed servers. There is always some improvement required for any tool, and different perspectives can lead to enhancements. I rate YugabyteDB Aeon as a nine out of ten..”

Verified user

QA Machine Engineer at a insurance company with 1,001-5,000 employees

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“I would rate YugabyteDB Aeon an eight out of ten.

“I choose eight out of ten because YugabyteDB Aeon does not work on a large scale level database; it works better for small databases or we can say cloud databases.

“Regarding YugabyteDB Aeon's AI capabilities, I think that there are no particular built-in features where we can use it for risk governance and security.

“Concerning YugabyteDB Aeon's AI capabilities, for cloud-native software applications, it will be reliable, but we cannot say it will be reliable for bare-metal clusters.

“In terms of latency and throughput for my workloads, YugabyteDB Aeon has different workload mechanisms to integrate, so it depends on how my workload is required.

“The documentation and learning resources for YugabyteDB Aeon are useful, as the knowledge articles provided by YugabyteDB Aeon are useful but need consolidated data on what is required.

“My advice for others looking into using YugabyteDB Aeon is that you can use YugabyteDB Aeon if you are using the public cloud, not on the private cloud or private infrastructure. My overall rating for YugabyteDB Aeon is eight out of ten..”

Anup Manker

DBA at a tech vendor with 1,001-5,000 employees

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Top Industries

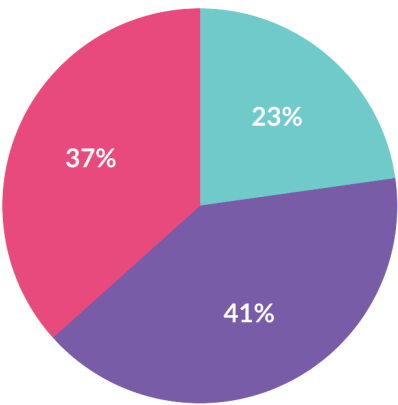
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Company Size

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Large Enterprise Midsized Enterprise Small Business

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