

aws marketplace

Aerospike Cloud Managed Service

Reviews, tips, and advice from real users



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Product Recap



Aerospike Cloud Managed Service

Aerospike Cloud Managed Service Recap

Aerospike Cloud Managed Service is renowned for its outstanding performance and reliability in handling real-time big data applications. It is ideal for high-throughput OLTP, robust caching, and fast data retrieval for personalization across multiple sectors. Key features include strong consistency, automatic scaling, and detailed monitoring, all accessible via a user-friendly interface that boosts productivity and operational efficiency.

Valuable Features

Excerpts from real customer reviews on PeerSpot:

- ✓ “After switching to Aerospike Cloud Managed Service, I have seen positive changes, including cost savings and the service being completely managed by the Aerospike team itself.”



ParthasarathyT

Senior Associate Infrastructure at Publicis Sapient

- ✓ “Almost 4x improvement happened when we moved to Aerospike Cloud Managed Service.”



Sanooj Mananot

CEo at CloudPositive

- ✓ “Aerospike Cloud Managed Service has made everyone's life easier and reduced the efforts involved in the learning curve, helping us save around twenty percent of our time.”



Karan Saini

Dev Ops Engineer at a construction company with 11-50 employees



“Saving data into Aerospike in a NoSQL format is beneficial.”



AkhileshChauhan

Senior Engineering Manager at Emids

What users had to say about valuable features:

“Regarding features, a couple of things stand out for me. First is definitely the read and write capabilities, which were amazing. On the storage side, another notable feature is the distributed management.

Also, saving data into Aerospike in a NoSQL format is beneficial. It's not exactly buffer data; it's like free text, allowing us to create key-value pairs and fetch data using keys. This was another good feature..”

AkhileshChauhan

Senior Engineering Manager at Emids

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“The best features Aerospike Cloud Managed Service offers are mostly high availability and cloud flexibility because regardless of AWS and GCP, we can simply move to, we can configure Aerospike Cloud Managed Service on multi-cloud as well. Performance is the main thing, a very predictive performance, ultra-low latency at a huge scale. Aerospike Cloud Managed Service has impacted my organization positively because earlier, we were struggling to convert these ads within a limited time frame. But with Aerospike Cloud Managed Service, we are able to deliver ads more precisely and faster to the audience. So, it definitely increased the throughput, and our ad performance also increased after moving to Aerospike Cloud Managed Service..”

Sanooj Mananot

CEo at CloudPositive

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“The best features Aerospike Cloud Managed Service offers are good zero downtime during scaling.

We can add capacity without affecting production.

The fully managed operations are a big plus since it allows us automated patching, monitoring, and backup, making life much easier.

It's probably the fully managed automated patching and monitoring that I find myself relying on the most day-to-day because it has been really helpful for us in our daily tasks, not only for us but even for the implementation we do for our entire team.

Even under massive loads and workloads, the latency stays consistently low at sub-millisecond levels..”

Karan Saini

Dev Ops Engineer at a construction company with 11-50 employees

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“The best features Aerospike Cloud Managed Service offers, in my opinion, are its high-speed lookups at scale. It scales quickly and generally processes NoSQL data in real-time with low latency. We usually host it in AWS, GCP, and Azure cloud platforms, where it processes NoSQL data at high speed for various users.

“The positive impact of Aerospike Cloud Managed Service on my organization is first evident in pricing. Earlier, we used Azure Cosmos DB, which had global distribution but was very costly. That's why we switched to Aerospike Cloud Managed Service.

“After switching to Aerospike Cloud Managed Service, I have seen positive changes, including cost savings and the service being completely managed by the Aerospike team itself. We don't have to worry much about optimizations and configurations..”

ParthasarathyT

Senior Associate Infrastructure at Publicis Sapient

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Other Solutions Considered

“I previously used a different solution; I think we were mostly in Redis at that time. We had to switch to Aerospike Cloud Managed Service because the latency was not as up to par..”

Sanooj Mananot

CEo at CloudPositive

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“Before choosing Aerospike Cloud Managed Service, we evaluated other options such as MongoDB and Cassandra. MongoDB has flexible schema capabilities but is slower for higher throughputs with a significant amount of latency. Cassandra offers massive stability, but it is not optimized for real-time applications. Therefore, we found Aerospike Cloud Managed Service to be the only viable option..”

ParthasarathyT

Senior Associate Infrastructure at Publicis Sapient

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“We evaluated MongoDB Atlas before choosing Aerospike Cloud Managed Service, but it offered flexibility but didn't have the delivery consistency at this scale.

It didn't provide the sub-millisecond response whenever the scale of data was increased, in large-scale data.

I think Aerospike Cloud Managed Service was a really good option to go with..”

Karan Saini

Dev Ops Engineer at a construction company with 11-50 employees

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“Before choosing Aerospike Cloud Managed Service, I evaluated other options, such as Redis and Cassandra. Cassandra was out of the box earlier itself because of the maintenance of Cassandra. Redis is something we were sticking with because it was simple to manage and was almost par with what our requirement was, but the latency wasn't up to mark as Aerospike Cloud Managed Service. That's why we moved to Aerospike Cloud Managed Service..”

Sanoj Mananot

CEo at CloudPositive

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ROI

Real user quotes about their ROI:

“I have seen a return on investment comparing Aerospike Cloud Managed Service with Redis. While it is more expensive than Redis, it is less costly compared to MongoDB, and it remains more stable than MongoDB..”

ParthasarathyT

Senior Associate Infrastructure at Publicis Sapient

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“I have definitely seen a return on investment because of time saved since earlier, when we were running these ads on other platforms, we definitely had a huge latency which impacted our ad performance. Almost 4x improvement happened when we moved to Aerospike Cloud Managed Service..”

Sanooj Mananot

CEo at CloudPositive

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“I've seen relevant ROI with Aerospike Cloud Managed Service in terms of effort saved, since people now need to spend lesser time focusing on how they need to manage the cluster and the resources.

Since our company is evolving towards IT and not all people are very technical, Aerospike Cloud Managed Service has made everyone's life easier and reduced the efforts involved in the learning curve.

It has helped us save around twenty percent of our time..”

Karan Saini

Dev Ops Engineer at a construction company with 11-50 employees

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Use Case

“I typically use Aerospike Cloud Managed Service for user session management, fraud detection pipelines, and real-time data processing in our apps.

The main use case revolves around real-time data tracking and processes. Anything that demands fast, consistent performance across large volumes of data is where Aerospike Cloud Managed Service fits perfectly for our use cases..”

Karan Saini

Dev Ops Engineer at a construction company with 11-50 employees

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“At the time I was working in the travel industry, we needed efficient search capabilities. We needed to find inventory from our database, which was kept in two distributed systems: SQL and Aerospike.

To achieve fast reads, we stored all the inventory data in Aerospike, which significantly improved our performance in terms of read-write operations. In SQL, saving and fetching takes time, and our clients often commented on performance. However, introducing Aerospike enhanced our read and write speeds immensely.

Aerospike is a NoSQL database, allowing us to store extensive data and perform read and write operations rapidly, resolving our inventory-related performance issues..”

AkhileshChauhan

Senior Engineering Manager at Emids

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“My main use case for Aerospike Cloud Managed Service is to keep the key values of my ad serving application where data latency is so critical. A quick, specific example of how Aerospike Cloud Managed Service helps with that day-to-day is that we are working on an ad serving platform where we had a lot of data that needed to be stored, and we have to retrieve it on demand as and when we are publishing or an ad is being clicked. We tried multiple things, but nothing could give us the speed of performance as Aerospike. Our application is very time-critical, and we need to make sure that the application should be able to get the information about the customer from our database as soon as possible. We tried multiple things, but Aerospike was the best to give us the least latency and the best performance..”

Sanoj Mananot

CEo at CloudPositive

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“Aerospike Cloud Managed Service provides fully managed or self-hosted options, and we work on fully managed only. It runs in our cloud environment and manages itself, which reduces our workload significantly. There are two options: self-hosted and SaaS. We rarely go with the self-hosted option; however, we do suggest self-hosted solutions to large media-centric firms like Yatra. Its main purpose is to function as a database with NoSQL capabilities, featuring very low latency, fast read and write speeds, and the ability for horizontal scaling, even at petabyte scale data. Automatic scaling and monitoring are excellent features, and it has stronger consistency in replication, making it fully managed so we don't have to worry much about maintenance.

“A specific example of how my team uses Aerospike Cloud Managed Service is for real-time personalization, such as in a recommendation engine for Netflix-like systems. It stores all customer profiles and supports real-time bidding, processing millions of ad requests per second. Companies like Amazon Prime and Hotstar use it to process the same ad for millions of their users simultaneously. This is a great feature, and it also supports fraud detection in banking and payment systems for suspicious transaction processing instantly. Additionally, it replaces Redis in large-scale environments for handling user data sessions. There are many more use cases as well..”

ParthasarathyT

Senior Associate Infrastructure at Publicis Sapient

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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.

“I'm not sure about the pricing, setup cost, and licensing because that is handled by our finance or other teams.

I was involved in the initial calls and I think it was overall quite good; the pricing and all were quite competitive..”

Karan Saini

Dev Ops Engineer at a construction company with 11-50 employees

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Customer Service and Support

“I would add that their support was also awesome, as we had a dedicated account manager who helped us to fix issues as soon as possible. The customer support for Aerospike Cloud Managed Service is good because they were available 24/7 across the globe..”

Sanoj Mananot


CEo at CloudPositive

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“I contacted them twice during my entire experience, and they responded well. I clearly remember an issue with searching that I faced. They not only replied via email but also assisted greatly over a call. The support system is very good..”

AkhileshChauhan

Senior Engineering Manager at Emids

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Other Advice

“I will rate it eight out of ten. Definitely eight.

It depends on the users and their needs. In our system, we needed inventory-related functionalities, and Aerospike fulfilled our requirements. If your needs are similar, Aerospike will meet them. It is important to understand your needs first, then decide whether Aerospike is suitable..”

AkhileshChauhan

Senior Engineering Manager at Emids

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“My advice to others looking into using Aerospike Cloud Managed Service is that not all tools will be applicable for everyone. So do your homework properly and see how Aerospike Cloud Managed Service, how your scenario is being handled in multiple platforms. For us, we tried with multiple tools, and Aerospike Cloud Managed Service did give us the least latency. So if you're looking for something which is very critical on latency, Aerospike Cloud Managed Service is the best option to go. I would rate this review a 10..”

Sanooj Mananot

CEo at CloudPositive

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“I would say overall, people should go for Aerospike Cloud Managed Service as it's a fast, reliable, and stable service, which is perfect for real-time, high-throughput workloads.

The managed service model takes away all the operational burden, and performance has been rock solid since day one since we implemented it in our environments.

I give Aerospike Cloud Managed Service a rating of nine..”

Karan Saini

Dev Ops Engineer at a construction company with 11-50 employees

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“Aerospike Cloud Managed Service manages NoSQL as a real-time database, requiring high machine resources, and it is best suited for high-scale systems with low latency. I would rate Aerospike Cloud Managed Service a nine out of ten because if it had a larger ecosystem and integration with a more developer-friendly UI, I would have given it a perfect ten. The developers still need some time to understand it due to the learning curve.

“Regarding Aerospike Cloud Managed Service's AI capabilities, I think its governance and security are solid. The vector search support, which enables AI models, is good and is useful in recommendation systems as well as for systematic search and retrieval of argumentative generation. It can integrate with Kafka, Spark pipelines, and ML pipelines, such as using vector similarity for e-commerce recommendations.

“The accuracy and reliability of the output from Aerospike Cloud Managed Service's AI capabilities are quite good. While it can still be trained for better accuracy, initially, I cannot say it is very accurate, but over time it demonstrates good accuracy.

“What I have mentioned covers everything about improvements needed for Aerospike Cloud Managed Service, such as enhancing the community side, building a larger ecosystem, and making the UI simpler for developers to understand. My overall review rating for Aerospike Cloud Managed Service is nine

out of ten..”

ParthasarathyT

Senior Associate Infrastructure at Publicis Sapient

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PeerSpot

244 5th Avenue, Suite R-230 • New York, NY 10001

reports@peerspot.com

+1 646.328.1944