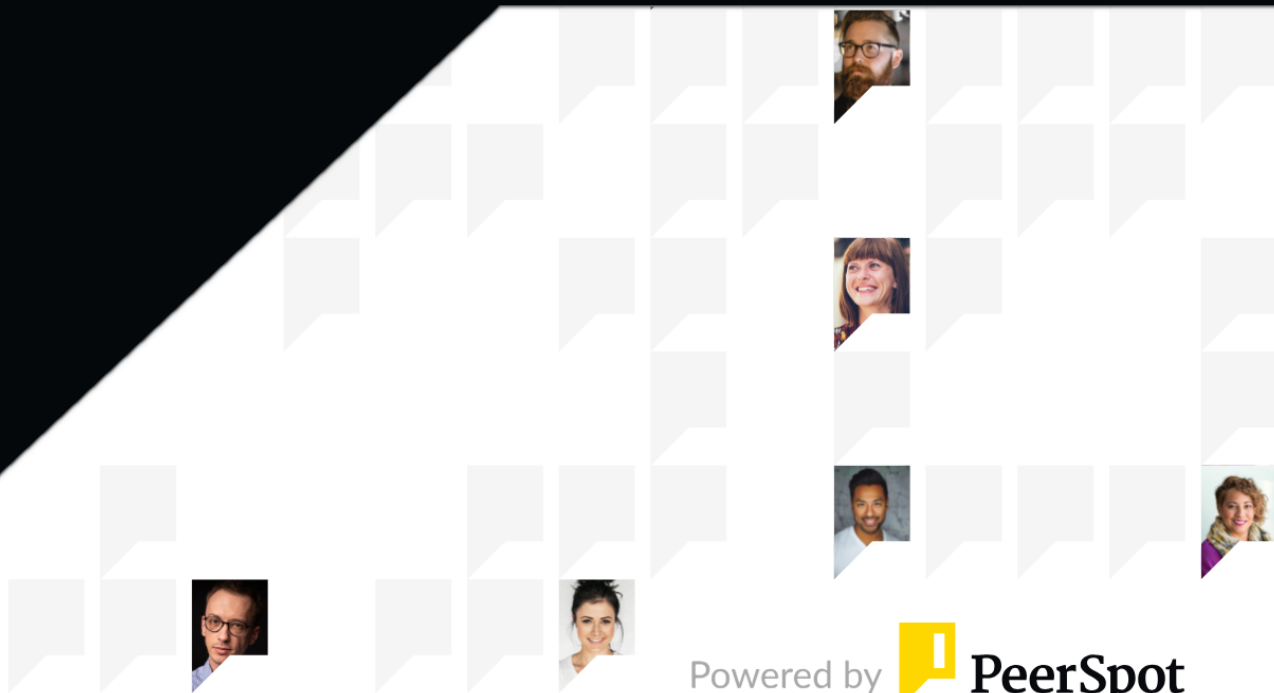


aws marketplace

Redpanda

Reviews, tips, and advice from real users



Powered by  PeerSpot

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Product Recap



Redpanda

Redpanda Recap

Redpanda offers a modern, intuitive interface with efficient resource usage, seamlessly integrating with Kafka, and enhancing performance through fast operations and reliable support. Organizations benefit from its memory efficiency and high performance for demanding data workloads.

Built on a C++ foundation, Redpanda integrates easily with Kafka clients and stands out for fast operations, simplified Docker setup, and effective metrics monitoring. Performance is enhanced by memory efficiency and high throughput capabilities. The community provides robust support, and clear documentation aids the adoption process. However, improvements could be made in version control, command-line tools, and documentation, particularly in areas such as automation file management and chatbot documentation assistance. Redpanda is widely utilized in data streaming and normalization, efficiently handling large telemetry data volumes with minimal latency, essential for building asynchronous applications across microservices and monitoring systems.

What are the most important features of Redpanda?

- **Modern UI:** Provides an intuitive interface for ease of use.
- **Efficient Resource Usage:** Built on C++ for performance optimization.
- **Seamless Integration:** Works well with Kafka clients for smooth operations.
- **Simplified Setup:** Docker templates facilitate easy installation.
- **Built-in Metrics Exporters:** Enhance monitoring and visibility.
- **High Performance:** Ensures memory efficiency and quick data processing.

What benefits and ROI can users expect?

- **Fast Operations:** Accelerates data processing for efficient workflows.
- **Reliable Support:** Strong community aids troubleshooting and development.
- **Clear Documentation:** Helps users quickly onboard and manage Redpanda.
- **Low Latency:** Critical for applications requiring quick response times.
- **Sub-second Response:** Supports demanding performance and latency needs.

Redpanda is commonly implemented in tech and software industries to streamline data streaming and normalization processes, handling high telemetry data volumes effectively. Its capacity for sub-second response times makes it crucial for companies developing asynchronous applications, especially in microservices and monitoring systems.

Valuable Features

Excerpts from real customer reviews on PeerSpot:



“Redpanda was simple and fast, so we went with Redpanda and it just works.”



ArpitShah

Software Analyst at CLSA



“I do want to mention that there was a part of Redpanda where you can configure and create containers with Docker.”



Oscar Lam Ho

Data Engineer at Datacrop



“I think Redpanda will dominate the market in the future, and it will be a really strong contender regarding streaming and AI.”



Alex Pajaron

Senior Software Engineer at Prestatech



“The good part about Redpanda is that there is a free part, which is great, and it is embedding most Kafka features so you have a number of features similar to Confluent but for free, which is great.”



Mehdi-El Filahi

Middleware Tech Lead at MQnovaTool



“Aside from its lightweight design, Redpanda is essentially a clone of Kafka with all the good features of Kafka, with the only difference being that Kafka needs too many resources while Redpanda is a very good, lightweight, and very fast database.”



China Venkanna Varma Ponnammada

Co Founder & CEO at SaYukth Private Limited



“Through a lot of benchmarks and whatnot, we found out that on a larger scale, when the latency of the messages is important, not talking about throughput, the latency is important, Redpanda offers a way better latency profile than Apache Kafka.”



Verified user

Software Engineer



“I have seen positive outcomes including improved efficiency, cost savings, and better performance metrics because it is open-source, fast, and good.”



Verified user

CTO at a tech services company with 1-10 employees

What users had to say about valuable features:

“I do want to mention that there was a part of Redpanda where you can configure and create containers with Docker. That is one of the valuable features. The sub part of it is that you can configure the retention size to a specific number of megabytes, and that way, when you go to the producer or the consumer part, you can see how much messages are being retained. Even if you configure it, you can have the messages there for a week or so, even if you don't have it running..”

Oscar Lam Ho

Data Engineer at Datacrop

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“If I have to summarize Redpanda, it is a competitor of Kafka. The good part about Redpanda is that there is a free part, which is great. It is embedding most Kafka features. You have a number of features similar to Confluent, but for free, which is great. With Confluent, almost everything is not free. You have a dashboard for free, but it is limited. In Redpanda, you have many features, but some of them are not free, of course. However, you have more features for free than Confluent, for instance. I put Redpanda in the Kafka family, along with Confluent and Kafka..”

Mehdi-El Filahi

Middleware Tech Lead at MQnovaTool

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“The best features Redpanda offers start with its single binary, which helps a lot. Managing Redpanda through the command-line interface is a really big advantage. Having one binary, a UI, and a dashboard with the configuration helps a lot as well. The command-line interface and the UI are amazing, apart from the configuration regarding streaming, topics, and queues. That is for sure the strongest feature, but for me, it is not about the topics themselves. It is about other areas where I can control, view, and manage.

“The command-line interface and the UI have made my work easier by allowing me to deal with topics or with configurations really easily, issuing commands. When I am dealing with CI/CD pipelines, I can issue the commands easily and configure anything. That is really helpful and is one use case, for instance..”

Alex Pajaron

Senior Software Engineer at Prestatech

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“The best features that Redpanda offers include the absence of Zookeeper and self-management of the infrastructure to avoid determining which is the parent node and all resizing in case of a failure, resulting in much more transparent fault tolerance to the user.

I have noticed this transparency in daily use by abstracting through Docker containers or infrastructure such as Kubernetes, where management is very simple: I simply provision the infrastructure and register it, allowing quick scalability without the need for extensive technical knowledge of the infrastructure.

Redpanda has positively impacted my organization by being easy to implement quickly for use cases such as the implementation of MVPs and PoCs, making scalability, tolerance, and availability very interesting and facilitating the provisioning of infrastructure efficiently. .”

Dvillodas Not Provided

[Read full review](#) 

Software, Departamento De Analítica, Dti at a financial services firm with 1,001-5,000 employees

“I feel Redpanda performs properly for big data pipelines and microservices. It can handle most of the requirements that are given, but it is still a little bit outdated. There are better open-source alternatives available.

“I would like to add that Redpanda is mostly very good for streaming data. This is excellent for streaming data and it is faster than most alternatives, and without JVM, which is beneficial.

“Redpanda has positively impacted my organization by enabling MVP fast to production. I can share that it has made things three weeks faster.

“I have seen positive outcomes including improved efficiency, cost savings, and better performance metrics because it is open-source, fast, and good. There is also cost reduction.

“I think that Redpanda's accuracy and reliability of output are good because it is Apache Kafka compatible, making it very scalable..”

Verified user

CTO at a tech services company with 1-10 employees

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“The biggest main feature that Redpanda offers is the same Kafka API, so you could always use the already-built libraries and the big environment that is around Apache Kafka as a message broker. There are a ton of libraries in every possible language, and then you could seamlessly plug Redpanda instead of Apache Kafka and use that instead.

“Through a lot of benchmarks and whatnot, we found out that on a larger scale, when the latency of the messages is important, not talking about throughput, the latency is important, Redpanda offers a way better latency profile than Apache Kafka. So, we used to have Apache Kafka and then we switched to Redpanda.

“When you claim that you are Kafka-compatible, and in our product we use a ton of libraries built for Kafka, and then in some really, really specific niche cases, they had different ideas on how to do something, and that would make the library kind of useless or not work as it's intended. Because in some cases, especially when it was about the way a leader broker is selected and things related to the consensus of your cluster of Redpanda, it was way different than the behavior of Kafka.

“One of the reasons that we migrated was back when Zookeeper was a different thing that you had to manage and configure to have a Kafka cluster, but Redpanda was plug-and-play, ready to go. You could have one node or ten nodes and then the consensus and leadership, everything was obvious and ready to go from the start. So deployment-wise, it is a really good product..”

Verified user

Software Engineer

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Other Solutions Considered

“We previously evaluated Confluent and Kafka itself. I would not dare to go with Kafka because it requires way more orchestration than required. Confluent was good, and Redpanda was also good. However, Redpanda was an order of magnitude cheaper than Confluent, so we went with Redpanda..”

ArpitShah

Software Analyst at CLSA

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“I evaluated other options before choosing Redpanda, but mostly queues and not publish-subscriber options such as RabbitMQ or Azure Queues, but not as publish-subscriber. For publish-subscriber, I only know Apache Kafka and Redpanda..”

Alex Pajaron

Senior Software Engineer at Prestatech

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“We considered Confluent Cloud, but after reviewing our needs, Redpanda seemed like the perfect fit due to its superior performance and cost benefits. Given that, we decided to move forward without a formal evaluation of other options..”

Akhil S Varughese

Lead Dev Ops Engineer at a outsourcing company with 51-200 employees

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“I previously used Apache Kafka before implementing Redpanda.

I decided to switch from Apache Kafka to Redpanda not as a complete replacement, as it still coexists in the organization, but it has been optimized in some use cases where Redpanda could be more interesting. .”

Dvillodas Not Provided

Software, Departamento De Analítica, Dti at a financial services firm with 1,001-5,000 employees

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“I previously used Apache Kafka, as everyone is focused on it, and recently, all the changes that Apache Kafka had regarding Zookeeper and Kraft are amazing. It is always a good option to learn alternatives, to broaden my experience with other solutions, and to experiment with other solutions, just to confirm and state my feelings about the product and to discover new features. There is always an edge to using other products. My motivation was to check an alternative and to learn from this alternative because I had my vision and my experience with Apache Kafka..”

Alex Pajaron

Senior Software Engineer at Prestatech

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“We evaluated a couple of alternatives and liked three of them: Confluent, Redpanda, and others. However, Redpanda was simple and fast, so we went with Redpanda and it just works. Under the hood, it is just Kafka. They say that since it is written in C++ and Rust as a high-performance Kafka, it is fast. All the programming libraries we have are written for Kafka, and our Kafka is Redpanda. Since Redpanda provides compatibility with Kafka SDKs and APIs, we do not use Redpanda-specific SDKs or APIs. I cannot tell you how fast or slow Redpanda is compared to the original Kafka because the only Kafka instance I use is Redpanda. Redpanda is fast enough, but I cannot say that the original Kafka is slow because I never used the original Kafka..”

ArpitShah

Software Analyst at CLSA

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ROI

Real user quotes about their ROI:

“I have seen a return on investment and personal gains since I started using Redpanda. For instance, for local projects and to experiment, I find the investment is really amazing because it is really quick to install and operate with. I can experiment in a minute. There are tons of examples..”

Alex Pajaron

Senior Software Engineer at Prestatech

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Use Case

“I use Redpanda as a provider for my personal project. I create a tool to manage Redpanda, to do observability on it, to do development, to do testing, to do dashboarding, and monitoring on it. I am creating a tool to do almost most of the features as a developer, DevOps, and test person..”

Mehdi-El Filahi

Middleware Tech Lead at MQnovaTool

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“I have been using Redpanda at Model Cover for around three years, but I believe you should rely on better information. Redpanda is not the best technology available on the market. Agent technology is currently the trend. Redpanda helps my organization solve problems related to big data pipelines and microservices mostly..”

Verified user

CTO at a tech services company with 1-10 employees

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“For my current field, I process data, but for Redpanda specifically, it is more for data that occurs live. For example, in my project, I use Redpanda to get MTA subway feeds live so that I can process them later with another tool such as Spark for partitioning and saving it into S3 buckets for storage..”

Oscar Lam Ho

Data Engineer at Datacrop

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“My main use case for Redpanda is streaming to deduplicate my jobs.

To give you a specific example of how I use Redpanda to deduplicate my jobs, we connect to vendors, grab files that are on their system, and pass it through Redpanda, which will deduplicate and indicate whether we have already seen this file. If we have, we do not start the job; otherwise, it will proceed to start the job to download those files..”

Verified user

Senior Data Engineer at a tech vendor with 11-50 employees

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“My main use case for Redpanda is for event management in infrastructures that are not so robust or oversized that they would need a more voluminous Apache Kafka environment, such as an on-demand retail event management system to register and receive sales lines in a retail flow.

I implemented this retail event management flow using Redpanda to build the most minimalist infrastructure possible to avoid oversizing with Apache Kafka, removing unnecessary artifacts such as Zookeeper management and more complex management related to systems like brokers. Since it was only a simple management of sending and consuming events from consumers and event receivers, Redpanda provided a quick and scalable solution in a reasonable time. .”

Dvillodas Not Provided

[Read full review](#) 

Software, Departamento De Analítica, Dti at a financial services firm with 1,001-5,000 employees

“My main use case for Redpanda is primarily for streaming, and I am currently focusing on building data lakehouses because I find them really interesting.

“Redpanda fits into my data lakehouse setup by normally fetching a source of data and mapping and transforming the data, so there are many ways to do that. I am exploring the possibilities of Redpanda, such as mapping the data with Redpanda Connect, or as an alternative, implementing my own solution. There are several ways to approach this. Additionally, I can sync the transformed data into any other destination, which really helps. Redpanda, through Redpanda Connect for instance, makes that really easy, and I am exploring those possibilities.

“I have many areas to add about my use case or how I am experimenting with Redpanda. It is not about the streaming itself. It is about configurations, schemas, schema evolution, schema drift, how to map data in many ways, as well as configuration for governance, deployment, security, and control access. There are many areas that I would like to deep dive into and to control and to learn that I find really interesting in general with Redpanda. I think it is a really good software. As an alternative to Kafka, I think it is an amazing drop-in, and with one binary. That is a real advantage because other alternatives are really heavy. I see Redpanda as really light in that sense, so it is an amazing product..”

Alex Pajaron

Senior Software Engineer at Prestatech

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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 find that the deployment of Redpanda is easy. It takes just less than an hour to deploy Redpanda. Operations are a bit tough, but deployment is easy..”

China Venkanna Varma Ponnamanda

Co Founder & CEO at SaYukth Private Limited

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“Once I learned about this platform, I read about it a bit and then I looked at how they set it up on their systems. It's a simple straightforward Dockerfile. If you have Docker installed on your system, you can just spin it up quickly without any issues..”

Vishal M Godi

Big Data Teaching Assistant at Center for Cloud Computing and Big Data,
PES University

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“It was very easy. That is one of the reasons that we migrated. Back when Zookeeper was a different thing that you had to manage and configure to have a Kafka cluster, but Redpanda was plug-and-play, ready to go. You could have one node or ten nodes and then the consensus and leadership, everything was obvious and ready to go from the start..”

Verified user

Software Engineer

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“The initial setup for Redpanda is very smooth. Compared to Kafka, which feels like it requires a lot of knobs and pieces, Redpanda feels like a thirty-minute setup. This was actually one of the reasons why we wanted something we could just use rather than master first and then use. We started using Redpanda and then mastered it along the way because our use case is to flow it through the pipes, and that is done beautifully with Redpanda..”

ArpitShah

Software Analyst at CLSA

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“It was a little bit difficult because when I was creating the containers through Docker, part of it was trying to figure out whether I wanted the whole workflow to run locally. For me, that consumes a lot of power. So I had a virtual machine run Redpanda exclusively, but the configuration for that, for the local host and all that, was a little bit confusing. Maybe that is just the virtual machine aspect and not really a Redpanda thing. But other than that, I think setting it up was not too complicated. It is just the virtual machine portion of it.

Locally, I would say it was around an hour. Not too much..”

Oscar Lam Ho

Data Engineer at Datacrop

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“The initial deployment of Redpanda is fairly as easy as installing ActiveMQ or RabbitMQ, which is very easy. In complexity, I think the most complex is IBM MQ, really. Mostly, of course, when you do clustering, it is very difficult and high availability, and so on. This one is very easy. I put eight on ten. The premium version has an analysis tool for when you have a license, saying this has to be enhanced, this is too tiny, you need to put it bigger, this is too big, you need to put it smaller for messages, for topics. It explains your ISR is not well configured and so on. So it goes further but it is cheaper than Confluent because Confluent is so expensive. I think it is a good competitor but still young, so it needs more experience to be at the level of Confluent..”

Mehdi-El Filahi

Middleware Tech Lead at MQnovaTool

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Customer Service and Support

“I think Redpanda has really amazing customer support based on my experience and from what I have read. I find the AI guide that Redpanda's website has really awesome. That is really helpful. By asking a question, I can solve many issues, doubts, or any comments that I might have. That is a pretty amazing solution..”

Alex Pajaron

Senior Software Engineer at Prestatech

[Read full review](#) 

“I do not have technical support. However, they have a Slack community and Slack channel, and we used to communicate with them a lot. In so many cases, the developers themselves answered us because we were heavily benchmarking what they said and what they claimed that they were. At one point, about three years ago, we contacted them and we had this Google Meets meeting that we discussed what we found and what they developed. Not the technical support as in the usual way, but the community and the development support was great..”

Verified user

Software Engineer

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“I have not used the technical support that Redpanda provides because I use the free version. I develop alone on this. This was one of my previous employment and skills before. I continue by my side. I do not have any subscription and I never had one. I had a subscription on IBM MQ a lot. I have subscriptions on TIBCO EMS and Rendezvous, subscriptions on SonicMQ, and so on, but never on Redpanda. I only use free features, so I do everything by myself. Unfortunately for the support management, I have no knowledge..”

Mehdi-El Filahi

Middleware Tech Lead at MQnovaTool

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Other Advice

“That is kind of the issue right now. I don't have a company verified email. I am mostly using it for personal purposes with my personal email for everything. I just never got the hang of how to create a company email.

My overall review rating for Redpanda is 7 out of 10..”

Oscar Lam Ho

Data Engineer at Datacrop

[Read full review](#) 

“My advice to other professionals considering using Redpanda is to give it a chance, as it is an interesting solution that does not always require opting for more common solutions, being easy to use with a not overly complex onboarding process and a manageable learning curve. I am very happy to have used, tried, and experienced Redpanda. I would rate this review a seven out of ten..”

Dvillodas Not Provided

Software, Departamento De Analítica, Dti at a financial services firm with 1,001-5,000 employees

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“We used to use Apache Kafka and then we switched to Redpanda. I kind of appreciate the way they are going with their documentation more than Apache Kafka. However, Apache Kafka, because it is used in a lot of environments with a thousand or ten thousand pods and ten thousand moving parts and all of those things, in those cases I guess Apache Kafka would still surpass Redpanda. But in case of low-latency systems, Redpanda is way better. This review has an overall rating of eight point five..”

Verified user

Software Engineer

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“Regarding Redpanda's AI capabilities, if your infrastructure is secure, you are fine and good to go. It is really good.

“My advice for others looking into using Redpanda is to go for it.

“I have additional thoughts about Redpanda: there is an over-focus on the topic, and that is the only feedback I have.

“I have given this review a rating of 8.5 out of 10..”

Verified user

CTO at a tech services company with 1-10 employees

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“The first advice I would give to others looking into using Redpanda is that it is a binary, so it is just installing, and it is ready to use. That is amazing to start with. Redpanda's page contains amazing information. The AI question-answer solution is amazing as well. I can have a solution with one click to whatever concern I have.

That is amazing as well. There is plenty of documentation with examples. I think it is really quick to operate on Redpanda in minutes.

“I have additional thoughts about Redpanda. I want to say continue this work. Redpanda is amazing. I love it. Please continue with new features and improvements. I think Redpanda will dominate the market in the future, and it will be a really strong contender regarding streaming and AI. I hope so. You are really doing a great job. Continue with this, please. I would rate my overall experience with Redpanda as a nine out of ten..”

Alex Pajaron

Senior Software Engineer at Prestatech

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“Redpanda requires maintenance on my end. Of course, you need to check that you do not explode the size of the disk space. You need to check that the performance is still good with the ISR repartition. It is doing that, but you still need to check that everything is okay on the hardware level of your machine because it consumes resources, of course. I think this needs alerting for the disk space, for the rotation of the partitions in the topics, and so on, just as Kafka does. You need to check that it is still based on the ISR, of course. You need to check that there is no latency. You need to do performance tests sometimes to check that everything is still fast, mostly when you use streams.

“I also used the [Docker](#) version. I used the installer first and then I migrated to [Docker](#).

“It is a difficult question to give a score to Redpanda overall. Unfortunately, you cannot give a score objectively. I will try to be objective. It is difficult to give a score based on what you need. If you want reliability on messages, I would recommend IBM [MQ](#). If you need something that is compared to Kafka for streams, for performance, for failover over the regions, then I would say you can use Redpanda. I would give Redpanda an overall rating of seven out of ten..”

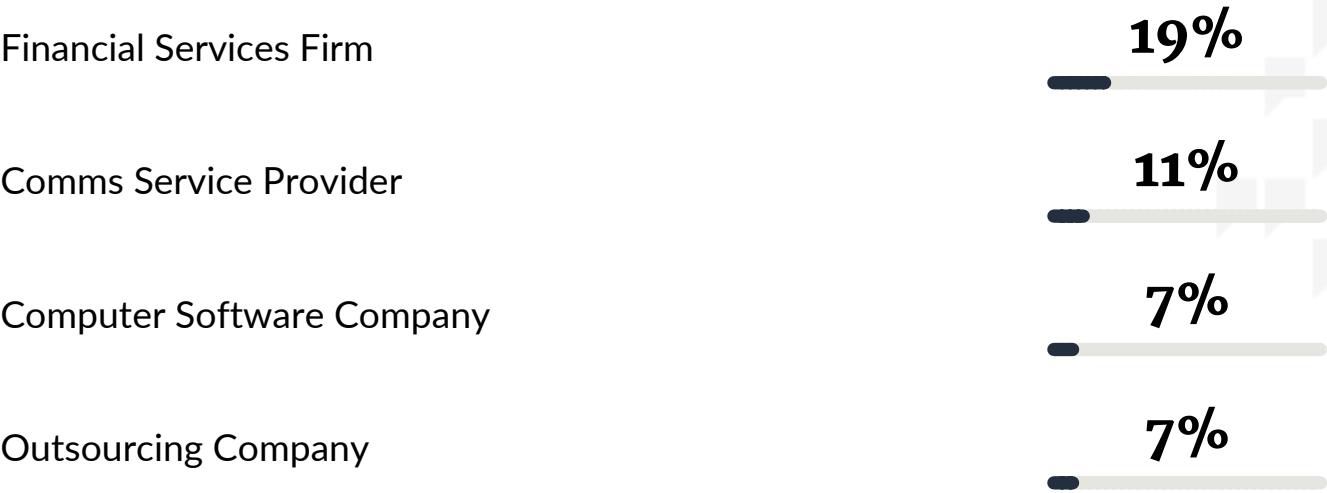
Mehdi-El Filahi

Middleware Tech Lead at MQnovaTool

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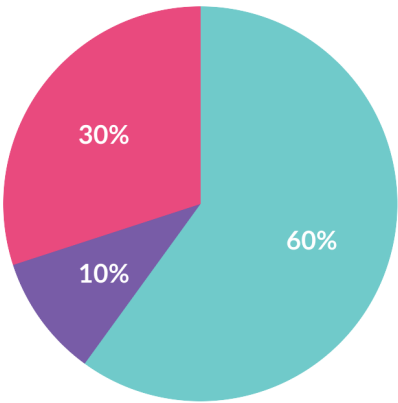
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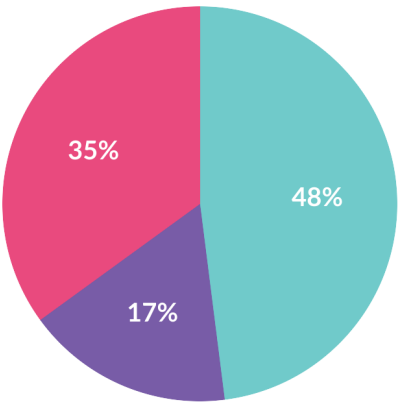


Company Size

by reviewers



by visitors reading reviews



Large Enterprise Midsized Enterprise Small Business

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