PeerSpot

Red Hat Ceph Storage vs. MinIO

Reviews, Tips and Advice from Real Users

March 2025

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Red Hat Ceph Storage VS. MinIO

Executive summary

Red Hat Ceph Storage and MinIO both offer solutions in the scalable storage domain. Red Hat Ceph Storage tends to have an advantage due to its expansive feature set, while MinIO's targeted capabilities make it appealing despite its cost implications.

Features: Red Hat Ceph Storage includes robust block, object, and file storage, strong integration with Red Hat OpenShift, and comprehensive enterprise-level storage. MinIO focuses on high-performance object storage, S3 compatibility, and minimal resource usage while being capable of scaling across multi-cloud environments.

Room for Improvement: Red Hat Ceph Storage could improve in simplifying its complex configurations and deployment processes while offering more tailored community support. MinIO needs to enhance its enterprise-level support offerings, improve its documentation for more comprehensive guidance, and increase its functionality beyond S3 compatibility to appeal to diverse storage needs.

Ease of Deployment and Customer Service: Red Hat Ceph Storage provides flexibility with extensive documentation and robust enterprise support. MinIO offers straightforward deployments, praised for simplicity and lower resource requirements, with efficient support that leans on community and enterprise-tier options. MinIO's setup is less complex compared to Red Hat Ceph's intricate configurations.

Pricing and ROI: Red Hat Ceph Storage may involve higher initial costs but benefits larger enterprises with its extensive features, offering significant ROI

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over time. MinIO offers more cost-effective setups, ideal for cost-sensitive environments. Its focus on S3 compatibility and performance offers tangible ROI through rapid deployment and reduced initial investments.

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Solution	Red Hat Ceph Storage	MinIO
Ranking	4.5	4.5
Sample customers	Dell, DreamHost	
Top comparisons	MinIO vs. Red Hat Ceph Storage Compared 43 of the time	Red Hat Ceph Storage vs. MinIO Compared 60 of the time
	VMware vSAN vs. Red Hat Ceph Storage Compared 6 of the time	NetApp StorageGRID vs. MinIO Compared 7 of the time
	NetApp StorageGRID vs. Red Hat Ceph Storage Compared 5 of the time	Dell ECS vs. MinIO Compared 5 of the time
Top industries based on reviewers*	Computer Software Company 18% Manufacturing Company 11% Financial Services Firm 10% Government 7%	Computer Software Company 18% Financial Services Firm 12% Manufacturing Company 10% Government 7%
Top industries based on companies reading reviews*	Retailer 22% Computer Software Company 22% Financial Services Firm 11% Manufacturing Company 11%	Financial Services Firm 36% Computer Software Company 18% Comms Service Provider 9% Educational Organization 9%

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* Data is based on the aggregate profiles of PeerSpot Users researching this solution.

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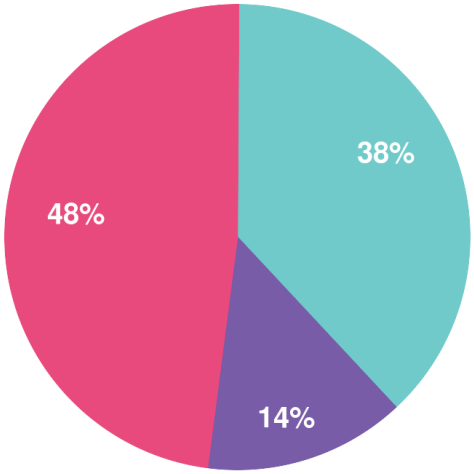
Company Sizes

Small Business Midsize Enterprise Large Enterprise

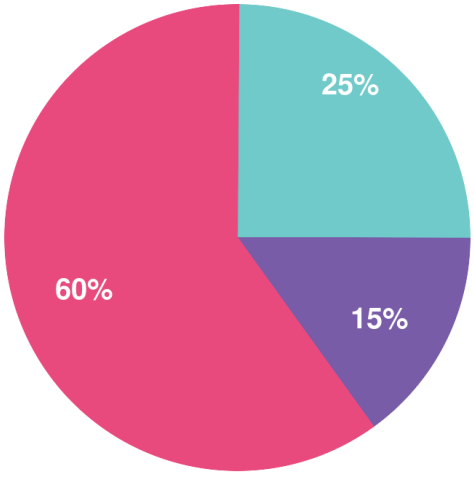
Red Hat Ceph Storage vs. MinIO

Red Hat Ceph Storage

by reviewers

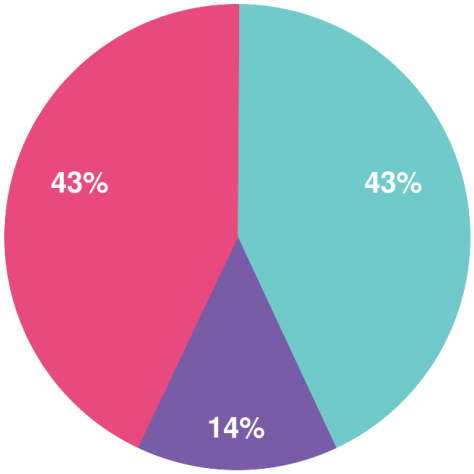


by visitors reading reviews



MinIO

by reviewers



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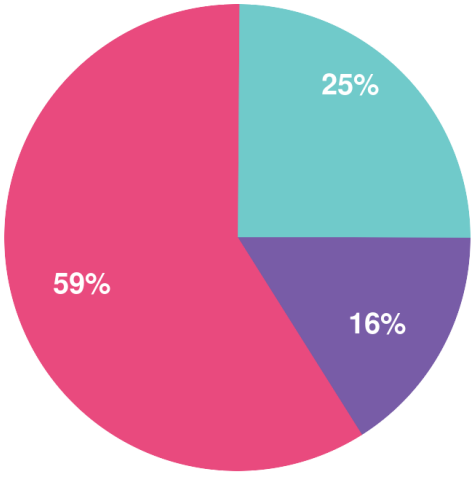

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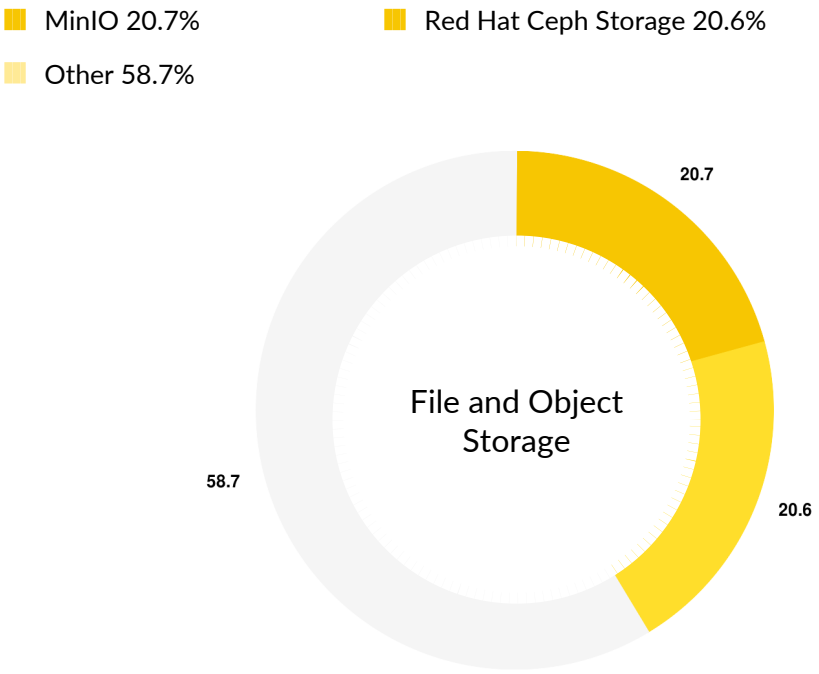
Mindshare And Ranking

As of **March 2025**, in the File and Object Storage category, the market share of **MinIO** is **20.7%** and it decreased by 24.2% compared to the previous year. The market share of **Red Hat Ceph Storage** is **20.6%** and it decreased by 22.9% compared to the previous year. It is calculated based on PeerSpot user engagement data.

Mindshare Comparison



Mindshare in Categories

MinIO

Red Hat Ceph Storage

No other categories found

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Product Recap

Red Hat Ceph Storage

Red Hat Ceph Storage Recap

Jump to MinIO Recap

PeerSpot users give Red Hat Ceph Storage an average rating of 4.1 out of 5.

Red Hat Ceph Storage is an enterprise open source platform that provides unified software-defined storage on standard, economical servers and disks. With block, object, and file storage combined into one platform, Red Hat Ceph Storage efficiently and automatically manages all your data.

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Valuable Features

Excerpts from real customer reviews on PeerSpot:

- "Ceph Storage allows us to add value related to cost and offers a unique experience compared to traditional storage."

ANDRE VINICIUS HAMERSKI
IT Private Cloud & Infrastructure Leader at Sicredi

- "I really like that Red Hat Ceph Storage can be used as a total solution without any storage area network components."

Sebas Mannem
Solutions Architect at DBYond

- "The scalability feature is used by all users and is critical for our operations."

Rakshana V
Cloud Engineer at CDAC

- "The high availability of the solution is important to us."

Sevan Makaracı
Senior DevOps Architect at Etiya

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"We have not encountered any stability issues for the product."

Soner BÜYÜKATALAY

Chief Software Engineer at a manufacturing company with 5,001-10,000 employees

"The ability to provide block storage and object storage from the same storage cluster is very valuable for us."

Verified user

Sr. Systems Engineer at a tech company with 10,001+ employees

"Most of the features are beneficial and one does not stand out above the rest."

Prajwal Kabbinale

Software Engineer at a retailer with 10,001+ employees

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What users had to say about valuable features:

"The ability to present Rest API, POSIX filesystem, and block devices from the same distributed object storage back-system (RADOS) is of major value to me."

Verified user
Systems Engineer at a marketing services firm with 51-200 employees

Read full review

"The replication feature is crucial.

Even if we provide a portion of storage, in cases of failures, having three replicas makes it easy to recover.
The scalability feature is used by all users and is critical for our operations."

Rakshana V
Cloud Engineer at CDAC

Read full review

"The product can be integrated with any storage and we can create it like block storage and then ISO storage.

We keep our files in storage.
They can be anything from video to PDF.
The flexibility in the storage is good."

Joos Mulio
Senior System Engineer at a tech services company with 51-200 employees

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"I really like that Red Hat Ceph Storage can be used as a total solution without any storage area network components.

You can use bare metal with disks as a basis.
It is cloud-native and scalable, offering a robust API and cloud-native features like block storage, shared file systems, and object storage."

Sebas Mannem
Solutions Architect at DBYond

Read full review

"What I found most valuable from Red Hat Ceph Storage is integration because if you are talking about a solution that consists purely of Red Hat products, this is where integration benefits come in.

In particular, Red Hat Ceph Storage becomes a single solution for managing the entire environment in terms of the container or the infrastructure, or the worker nodes because it all comes from a single plug."

Ahmed_Taha
Director Of Operations at Diverse

Read full review

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“Ceph Storage allows us to add value related to cost and offers a unique experience compared to traditional storage.

We appreciate the scalability of the open-source solution, allowing us to address our growing data needs without encountering major issues.
Having used it as a pilot system in Brazil, we gained significant knowledge and the ability to manage our infrastructure as code.”

ANDRE VINICIUS HAMERSKI
IT Private Cloud & Infrastructure Leader at Sicredi

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Pain Points

The main pain points mentioned:

✖ “While the documentation for Ceph Storage is helpful, it could be improved.”

ANDRE VINICIUS HAMERSKI

IT Private Cloud & Infrastructure Leader at Sicredi

✖ “I've heard the integration with OpenShift is great, however, the licensing cost is excessively high.”

Sebas Mannem

Solutions Architect at DBYond

✖ “I have not identified any drawbacks, however, the response to public platform inquiries could be faster.”

Rakshana V

Cloud Engineer at CDAC

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✖ "Some documentation is very hard to find."

Sevan Makaracı

Senior DevOps Architect at Etiya

✖ "It takes some time to re-balance the storage in case of server failure."

Soner BÜYÜKATALAY

Chief Software Engineer at a manufacturing company with 5,001-10,000 employees

✖ "Ceph does not deal very well with, or takes a long time to recover from, certain kinds of network failures and individual storage node failures."

Verified user

Sr. Systems Engineer at a tech company with 10,001+ employees

✖ "It would be nice to have a notification feature whenever an important action is completed."

Prajwal Kabbinale

Software Engineer at a retailer with 10,001+ employees

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Room for improvement:

"While the documentation for Ceph Storage is helpful, it could be improved. There are instances where we needed to consult additional online forums and communities for solutions to particular issues."

ANDRE VINICIUS HAMERSKI
IT Private Cloud & Infrastructure Leader at Sicredi

Read full review

"Red Hat Ceph Storage is difficult to maintain. We use CLI tools for maintenance, and the concept seems challenging. Additionally, it is difficult to expand the product due to balancing errors. It takes some time to re-balance the storage in case of server failure. They could improve the speed of the process."

Soner BÜYÜKATALAY
Chief Software Engineer at a manufacturing company with 5,001-10,000 employees

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"If you use for any other solution like other Kubernetes solutions, it's not very suitable. It's very good if you have a customer that is using a Red Hat deployment like OpenStack or OpenShift. It's not great if you aren't. They need to adjust the product in order to have compatibility with other solutions also.

The installation of the software could be simplified. "

Joos Mulio
Senior System Engineer at a tech services company with 51-200 employees

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"The operational overhead is higher compared to Azure because we own the hardware. It would be nice to have a notification feature whenever an important action is completed."

Prajwal Kabbinale
Software Engineer at a retailer with 10,001+ employees

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"Ceph Storage lacks RDMA support for inter-OSD communication. That is a huge loss in terms of performance. It's also very intensive on the backend network and takes a lot of resources from the network. I'd like to see a higher performing CephFS, which is the file system part of Ceph."

Verified user
UNIX Security Consultant at a retailer with 1,001-5,000 employees

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"It took me a long time to get the storage drivers for the communication with Kubernetes up and running. The documentation could improve it is lacking information. I'm not sure if this is a Ceph problem or if Ceph should address this, but it was something I ran into. Additionally, there is a performance issue I am having that I am looking into, but overall I am satisfied with the performance."

Jaap Prickartz
Owner at Tetra | Healthy Technology

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ROI

Real user quotes about their ROI:

"It's hard to quantify financial ROI as we are building a new platform with Ceph as a major component, enabling developer teams.

The real value is in the cloud-native platform."

Sebas Mannem
Solutions Architect at DBYond

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Pricing

"I rate the product's pricing an eight out of ten."

Soner BÜYÜKATALAY
Chief Software Engineer at a manufacturing company with 5,001-10,000 employees

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"The operational overhead is higher compared to Azure because we own the hardware."

Prajwal Kabbinale
Software Engineer at a retailer with 10,001+ employees

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"The price of Red Hat Ceph Storage is reasonable."

Jaap Prickartz
Owner at Tetra | Healthy Technology

Read full review

"Most of time, you can get Ceph with the OpenStack solution in a subscription as a bundle."

Flavio Carvalho
Senior Information Technology Specialist at a tech consulting company with 501-1,000 employees

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"The price of this product isn't high."

Rifat Rahman
Infrastructure Architect & CEO at Tirzok Private Limited

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"The other big advantage is that Ceph is free software. Compared to traditional SAN based storage, it is very economical."

Verified user
Sr. Systems Engineer at a tech company with 10,001+ employees

Read full review

"If you can afford a product like Red Hat Ceph Storage then go for it. If you cannot, then you need to test Ceph and get your hands dirty."

Verified user
Systems Engineer at a marketing services firm with 51-200 employees

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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.

"The initial setup was carried out with Ceph Storage distributions using Ceph charts.

This deployment was straightforward but required significant effort and expertise."

ANDRE VINICIUS HAMERSKI

IT Private Cloud & Infrastructure Leader at Sicredi

Read full review

"Preparation was required for machines and infrastructure.

Once ready, the initial Ceph deployment took about an hour with the help of documentation and running the playbook."

Sebas Mannem

Solutions Architect at DBYond

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"Implementation is easy, but the problem is procuring the hardware and configuring all the networking.

That is a bit time-consuming.
So I would rate it six out of ten.
The deployment takes around forty-five minutes."

Prajwal Kabbinale
Software Engineer at a retailer with 10,001+ employees

Read full review

"The initial setup was easy.

It takes less than an hour to install this product.
To perform maintenance, security experts and developers are needed.
About three to four people are required for maintenance."

Fu Qingyun
Engineer at Orcadt

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“The initial setup is quite straightforward.

The documentation describes it perfectly, and it's quite clear as long as you know what you want.
We deployed in-house.
The planning took a couple of days, making our choices, etc.
and the effective deployment took half a day.”

Verified user

UNIX Security Consultant at a retailer with 1,001-5,000 employees

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“The installation is sometimes complex.

Sometimes we have problems during the installation of the storage system.
We'd like the process to be simplified.
How long it takes to deploy the solution depends on the infrastructure.
If you use maybe only one PB, it might take eight hours, in our experience.
It could take a week if we need to config and install from the TMI.
During implementation, we set the topology first.
We recommend and set how much storage is needed to convert into Ceph Storage.
Then we can just run the script and then run the configuration on Linux and start integrating it with other CMs.
We can create it as storage or as NFS.
We tend to use two to three people for the deployment part of the setup.
They are engineers or system admins.
An IT manager isn't involved right away.
They come in later if there are issues or the company needs troubleshooting.
We handle quarterly maintenance tasks.
We'll check everything and handle any maintenance needed on the system for the client.

Joos Mulio

Senior System Engineer at a tech services company with 51-200 employees

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Customer Service and Support

"Technical support from the mailing lists is very good but you always need to get your hands dirty.

However, if you pay for a product like Red Hat Ceph Storage, support is a big advantage."

Verified user
Systems Engineer at a marketing services firm with 51-200 employees

Read full review

"Technical support is very responsive.

We have the customer portal and are communicating with them through that. We can create a ticket through the customer portal or via phone.
They're very communicative and also very helpful in terms of sorting our problems."

Joos Mulio
Senior System Engineer at a tech services company with 51-200 employees

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Other Solutions Considered

"The competitive landscape shows that traditional storage options are currently more cost-effective compared to Ceph Storage, influencing our strategic decisions."

ANDRE VINICIUS HAMERSKI
IT Private Cloud & Infrastructure Leader at Sicredi

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"I have used many solutions but not as extensively as Ceph. I switched to Ceph because of its architecture and because it is a one-stop shop when it comes to storage."

Verified user
Systems Engineer at a marketing services firm with 51-200 employees

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"I have used traditional storage on much smaller scales: ZFS, SVM, VxVM, and NetApp. They do not fit the use case and demands of a growing Cloud infrastructure."

Verified user
Senior Software Engineer

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Product Impact

"It's possible that we should have used the solution a long time ago as it appears to cost the business less money to run some of our data systems using it. We're definitely seeing cost savings since we've implemented it."

Verified user
Data Storage Specialist at a tech services company with 1,001-5,000 employees

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"Replicated and erasure coded pools have allowed for multiple copies to be kept, easy scale-out of additional nodes, and easy replacement of failed hard drives. The solution continues working even when there are errors."

Verified user
Senior Software Test Engineer at a tech vendor with 201-500 employees

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"It has helped to save money and scale the storage without limits.

We did not depend on expensive hardware to start using it and can upgrade it if our demand grows."

Diego Woitasen
Senior Solutions Architect and co-founder at flugel.it

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"The product allows our OpenStack environment to move away from the classic network type of backend storage. It enables increased resilience using commodity hardware pricing and that is a major benefit. In comparison to a solution such as FlashBlade, for the capacity and performance you get, Ceph Storage is half the price."

Verified user
UNIX Security Consultant at a retailer with 1,001-5,000 employees

Read full review

"Ceph has simplified my storage integration. I no longer need two or three storage systems, as Ceph can support all my storage needs. I no longer need OpenStack Swift for REST object storage access, I no longer need NFS or GlusterFS for filesystem sharing, and most importantly, I no longer need LVM or DRBD for my virtual machines in OpenStack."

Verified user
Systems Engineer at a marketing services firm with 51-200 employees

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"Without any extra costs, I was able to provide a redundant environment. After I built the first cluster, other departments notice the performance and redundancy, then they started building their own clusters. I helped them to design and build their cluster. Now, we have four Ceph Clusters running, three in production and one in the test environment."

Siddhartha Sinha
IT Engineer at a tech services company with 51-200 employees

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Product Recap

MinIO

MinIO Recap

Jump to Red Hat Ceph Storage Recap

PeerSpot users give MinIO an average rating of 4 out of 5.

MinIO is an open-source object storage system. It is designed to efficiently store and retrieve unstructured data, such as photos, videos, and backups. MinIO can be used as a standalone object storage server or as part of a larger system, such as a data lake or a private cloud, and can be deployed on-premise, in the cloud, or in a hybrid environment, making it a flexible storage solution for a variety of use cases.

MinIO's features include erasure coding, bitrot protection, and checksum validation, which help ensure data integrity and reliability. The solution's multi-tenancy support makes it ideal for multi-user environments. MinIO's edge computing tools enable data storage and processing closer to users' locations, reducing latency and improving performance. MinIO can easily scale to accommodate storage and power demands, making it ideal for use in large-scale, data-intensive environments.

MinIO Benefits and Features:

MinIO offers several key benefits and features for organizations looking for a scalable and high-performing object storage solution:

- **Scalability:** Horizontally scale to increase storage space and processing power as your needs grow.
- **High performance:** MinIO's edge computing and low latency provide fast data access.
- **Seamless integrations:** MinIO is compatible with the Amazon S3 API, which enables integration with third-party systems and tools.
- **Data integrity:** Security features, such as erasure coding, bitrot protection, and checksum validation, ensure data integrity and reliability.

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Reduced costs: MinIO is an open-source solution, making it a cost-effective option for organizations looking for a scalable object storage solution.

-

Support: MinIO's large open-source community of developers and users provides a wide range of resources and an active support network

-

Multi-tenancy: Multi-tenancy support makes MinIO suitable for use in multi-user environments.

-

Easy deployment: MinIO is easy to deploy and can run on a variety of platforms, including on-premise, in the cloud, or in a hybrid environment.

-

Access control: Role-based access control, enabling you to control access to data based on users permissions.

-

Event notifications: Automate workflows based on changes to objects in your storage.

-

Cross-region replication: Duplicate data between different regions for disaster recovery and data backup.

-

Intuitive interface: MinIO's user-friendly dashboard can be accessed via any browser and can be used to perform multiple object operations including object creation and management.

Reviews from Real Users

MinIO stands out among its competitors for a number of reasons. Several major ones are its flexibility, integration options, and performance.

Süleyman Fazıl Y., a senior software engineer at a tech services company, writes, "The most valuable features are that MinIO is open, it works on-premise, and iscompatible with the Amazon industry which is great for finding compatible libraries in many languages which is very good for developers."

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Rebecca S., CTO at NIASE, says, “MinIO is much improved over the prior solution, updates are simple to apply, and we anticipate that future capacity requirements will be easier to meet. Our customers are using this solution to retrieve tens of thousands of objects (documents and files) per hour, and MinIO seems to be able to keep up with it.”

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Valuable Features

Excerpts from real customer reviews on PeerSpot:

- "Very good at object retrieval."

Rebecca Sutter
Chief Technical Officer at NIASE

- "I use the solution's basic object storage functionalities, like AWS S3 compatible APIs and creating buckets."

Abdelrahim-Ahmad
Data Scientist at a tech vendor with 501-1,000 employees

- "MinIO is easy to install and use, especially for standalone installations."

Aleksandr Motuzov
Head of Data Science center of excellence at Ameriabank CJSC

- "The product does save time for our company."

Ashis Parajuli
Vice President, Artificial Intelligence at DLytica Inc.

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"The container installation features are good. The S3 feature provisions the storage buckets making it easy. It allows me to spin up the public buckets with open-source technology."

Joe Quaill

Solutions Architect at Signal Technology Group

"The initial setup was straightforward as MinIO provided good support documentation and took a couple of days to complete."

Sankarguru Thirgnanasambandam

Senior Architect - Technology Consulting at Ernst & Young

"I like that if you have a problem, you can buy the home server. It is stable and robust."

Wichein W.

Senior Operation Manger at Thai Trade Net

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What users had to say about valuable features:

"The tool's integration is very easy.

This feature has helped us reduce development time.
The solution also has many out-of-the-box features like versioning support and management of roles and permissions.
The product also supports clustered deployment."

Naveed Tejani
Founder & CEO at Unikrew Solutions

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"This is an all-in-one, user-friendly data storage solution.

It provides high throughput to access data.
We tend to use AI and some of the resource-intensive applications related to data, like analysis and visualization.
I like the S3 API."

AbdelrahimAhmad
Data Scientist at a comms service provider with 51-200 employees

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"The most valuable features are that MinIO is open, it works on-premise, and is compatible with the Amazon industry which is great for finding compatible libraries in many languages which is very good for developers."

Süleyman Fazıl Yeşil
Senior Software Engineer at a tech services company with 1,001-5,000 employees

Read full review

"MinIO's most valuable feature is that we can send a lot of detail in the bottom of the core of the end-point, in a way that is easy and interactive.

It also saves a lot of time in generating and managing documents."

Verified user
IT Manager at a wholesaler/distributor with 51-200 employees

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"The most valuable feature of the solution is that it offers features similar to the ones offered by Amazon S3.

In my company, we needed a tool that we could deploy on a hybrid environment consisting of a private cloud.
The solution's use in a hybrid environment is great."

Ashis Parajuli
Vice President, Artificial Intelligence at DLytica Inc.

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"MinIO is easy to install and use, especially for standalone installations.

It supports S3 API integration, which makes it compatible with various data science tools and simplifies the organization of storage classes in Kubernetes."

Aleksandr Motuzov
Head of Data Science center of excellence at Ameriabank CJSC

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Pain Points

The main pain points mentioned:

✖ "The solution lacks documentation."

Rebecca Sutter

Chief Technical Officer at NIASE

✖ "MinIO should provide an easier subscription model for companies that don't have a huge amount of data."

Abdelrahim-Ahmad

Data Scientist at a tech vendor with 501-1,000 employees

✖ "The main issue we face with MinIO is performance."

Aleksandr Motuzov

Head of Data Science center of excellence at Ameriabank CJSC

✖ "The product's initial setup phase is complex."

Ashis Parajuli

Vice President, Artificial Intelligence at DLytica Inc.

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✖ "The MinIO dashboard is minimal as there are only a couple of features inside the dashboard for a basic user. I would like this to be more robust with more click-around features."

Joe Quaill

Solutions Architect at Signal Technology Group

✖ "The developer support could be better."

Sankarguru Thirgnanasambandam

Senior Architect - Technology Consulting at Ernst & Young

✖ "The solution should have high availability. Also, support should be quick."

Wichein W.

Senior Operation Manger at Thai Trade Net

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Room for improvement:

"The main issue we face with MinIO is performance. We need higher I/O capabilities for extensive data read-write operations, especially when dealing with big data and Parquet formats. The issue might be related to our simple deployment setup, but it still affects usability."

Aleksandr Motuzov
Head of Data Science center of excellence at Ameriabank CJSC

Read full review

"MinIO should provide an easier subscription model for companies that don't have a huge amount of data. Our company has a maximum of 100 terabytes of data. The solution should provide more bugging tools in the open-source version to encourage people to buy the support services.

It's not an easy decision. If I go to the management and tell them that I need to buy a service, there should be an easier subscription model for companies that don't have huge amounts of data. For me, getting a subscription for 15,000 a year for a system already in production might be a bit hard.

I think MinIO supports a minimum of one petabyte or 100 terabytes of data. Since we don't have such huge amounts of data, buying a subscription for the solution is a bit difficult. Hence, we're only using the open-source version for now. If MinIO becomes really crucial for our business, we could ask the management to get a subscription."

Abdelrahim-Ahmad
Data Scientist at a tech vendor with 501-1,000 employees

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"MinIO can make it easier to install the product in an OpenShift kind of environment. I think it's a little bit tricky to install MinIO in an OpenShift type of environment."

Ashis Parajuli
Vice President, Artificial Intelligence at DLytica Inc.

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"The tool's pricing needs to improve. We also encountered challenges while deploying the tool in Kubernetes. The documentation also was not too great. We have currently deployed the solution in a stand-alone fashion."

Naveed Tejani
Founder & CEO at Unikrew Solutions

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"I feel there is a lack of good addons to integrate without having to use third-party applications. It makes the process time-consuming. It would be helpful if MinIO built artifacts or anything that could be used to stream data into it. That said, I'm not sure MinIO is different from other solutions. Hopefully, data governance will improve in the future. I'd also like to see more support for AI. "

AbdelrahimAhmad
Data Scientist at a comms service provider with 51-200 employees

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"The MinIO dashboard is minimal as there are only a couple of features inside the dashboard for a basic user. I would like this to be more robust with more click-around features.

It is important that MinIO continues to increase its performance. With the increased scaling of specific research coding and the specific throughput the features currently work well, however they need to continue to maintain that community."

Joe Quaill
Solutions Architect at Signal Technology Group

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ROI

Real user quotes about their ROI:

"I cannot say if I have seen a return on investment from the use of the solution since it is not a paid product.

My company uses the open-source version of the product.
The product does save time for our company."

Ashis Parajuli
Vice President, Artificial Intelligence at DLytica Inc.

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Pricing

"We use the solution's open-source version."

Abdelrahim-Ahmad
Data Scientist at a tech vendor with 501-1,000 employees

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"My company hasn't tried the version of the solution where we need to pay to use it."

Ashis Parajuli
Vice President, Artificial Intelligence at DLytica Inc.

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"This solution is open source so it is free."

Joe Quaill
Solutions Architect at Signal Technology Group

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"We use the solution's open-source version."

Mostafa Ghadimi
Data Engineer at Mofid

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"This is an open-source solution but I am using the licensed version."

MahdiSharifi
Technical Lead and Senior Java Developer at Novin High-Tech Solutions

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"MinIO is a free open-source solution."

Vincenzo Agrillo
Chief Infrastructure Technology Officer at IDS&UniteIm

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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.

"The initial setup was straightforward as MinIO provided good support documentation and took a couple of days to complete.

I would give MinIO a rating of eight out of ten."

Sankarguru Thirgnanasambandam

Senior Architect - Technology Consulting at Ernst & Young

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"The initial setup was simple.

We had to download some samples and do the configuration.
The process can be done quickly, but the full POC tool many months, and it can be complicated."

Saddam-ZEMMALI

DevOps Technical Lead at a comms service provider with 501-1,000 employees

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“Deployment of MinIO depends on what you are trying to accomplish.

In my case, it is a four-node cluster with a minimum of four servers, and took myself, a senior cluster role, a full day.
The biggest complexity is how you configure the storage around this.
You can storage attach, which can get complicated making it an intermediate level of deployment.”

Joe Quaill
Solutions Architect at Signal Technology Group

Read full review

“The product's initial setup phase is complex.

The solution is deployed on a hybrid cloud.

One or two people can deploy the solution over a period of two months.”

Ashis Parajuli
Vice President, Artificial Intelligence at DLytica Inc.

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"The initial setup is easy and takes one to three hours, depending on the infrastructure.

To deploy, download the container and then deploy it on our infrastructure.

I rate the initial setup an eight out of ten, where one is difficult, and ten is easy."

Wichein W.

Senior Operation Manger at Thai Trade Net

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"It is difficult to deploy the solution if you involve Kubernetes.

The setup is easy otherwise.
I believe that it shouldn't be an issue with the tool's latest version.
The good part is that the tool supports multiple storage technologies The product has pretty good documentation available on their website which our DevOps team followed and successfully deployed the solution.
My team downloaded the binaries from the library, executed them, and made some initial configurations.
The deployment was pretty quick and we were able to complete the process within a couple of days.
The Kubernetes part took weeks to complete.
You just need a resource with a good understanding of the documentation and experience in Linux technologies to do the deployment.
A team of two to three members can complete the deployment in a week's time."

Naveed Tejani

Founder & CEO at Unikrew Solutions

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Customer Service and Support

"We are using the tool's free version.

The free version does not come with any support.
However, you can get support from the tool's strong community.
We haven't run into any issues that require extensive support."

Naveed Tejani
Founder & CEO at Unikrew Solutions

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"We haven't taken advantage of the technical support but we have used their support forums and had some responses, but I believe it's a fairly small team at MinIO and I don't think they have a lot of people involved in support yet."

Rebecca Sutter
Chief Technical Officer at NIASE

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"I have not needed support to this point, as I seek help in the community when I have issues.

Furthermore, because we are located in Iran and under sanctions, were are not able to purchase technical support."

MahdiSharifi
Technical Lead and Senior Java Developer at Novin High-Tech Solutions

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Other Solutions Considered

"I was using Amazon's S3 and nothing really seemed to work as well as this, until MinIO, the product is comparable. The main reason I switched to MinIO was that it is open source."

Joe Quaill
Solutions Architect at Signal Technology Group

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"MinIO's cloud version has a couple of competitors, like Google File System and Amazon S3, which are cheaper than MinIO. There are no alternatives to MinIO's on-premises version. There are some, but they have a different model. What makes MinIO unique is its compatibility with Amazon S3."

Abdelrahim-Ahmad
Data Scientist at a tech vendor with 501-1,000 employees

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"We were using OpenStack, Shift, and Keystone. They provided an optic-storage solution, but it's fairly complicated to install and to maintain and to upgrade. Performance wasn't great either because of our type of setup, so we decided to check MinIO out, and the managers liked it. We ended up implementing."

Renich Bon Ćirić
FOSS Consultant & Creative Commons Musician at EVALinux

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"Compared to SAS, MinIO is more straightforward from the developer side. It's easier to work with API. Most file solutions are similar when it comes to storage and how they work with ChAS SCP and Java. And when I compare, I'm trying to understand what the goal is and what level the developer should be working on with one of the solutions. I think MinIO is easier to use compared to Java API or for working this fast."

Anton Ushchapovskiy
Software Architect at a transportation company with 10,001+ employees

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"We compared MinIO with a number of other object stores and it offered some performance advantages and a degree of simplicity which was very appealing. We implemented a four server failover cluster and we migrated all of the documents into MinIO which took us about three months. We're currently running a validation process before we remove the old object store by doing a byte by byte comparison of the objects from the old store and the new store. Because it's such a time-consuming process, it's only about 25% done and we anticipate it'll take another three or four months before it's complete."

Rebecca Sutter
Chief Technical Officer at NIASE

Read full review

"I previously worked with Hadoop which I found to be a little bit more complex than MinIO which is easier to use. I chose MinIO because I like the S3 API. We were looking for an all-in-one solution to backup or to carry out disaster recovery, and to have a place where we can store a new dataset for analysis and something for big data and AI.

I generally recommend it in favor of Hadoop Distributed File System because I can see more benefits and it's a little bit cheaper if you download it on-premises compared to Amazon S3."

AbdelrahimAhmad
Data Scientist at a comms service provider with 51-200 employees

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Product Impact

"We use MinIO as a cloud storage solution, which is easy to integrate with our data science tools. This means our data scientists can handle extensive data processing and analysis more seamlessly."

Aleksandr Motuzov
Head of Data Science center of excellence at Ameriabank CJSC

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"With different types of storage, MinIO enables me to create these storage volumes called buckets, this is an S3 type cloud storage, I can attach these cloud buckets to different types of storage and actually create levels, or tiering of options of storage levels. If you were using Dropbox, I can attach a cloud storage volume to that Dropbox and it can be publicly shared as opposed to you having to do a file sync and share with basic storage."

Joe Quaill
Solutions Architect at Signal Technology Group

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"Earlier, the organization experienced some issues transforming the data and loading it into the technology, so we adopted Spark, and the data was to be loaded onto the menu, MinIO. In terms of the volume, processing speed, and accessibility of data, MinIO was outstanding. First, it worked well for storing large volumes and sizes of data. Second, you can retrieve, load, or transform data with MinIO quite fast. It is a backbone to the organization because it loads the data and stores it after transformation, then all the lower systems can use it."

Verified user
Staff Engineer at a tech services company with 5,001-10,000 employees

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"It helped us to use AWS because we wanted a hybrid solution or to move to AWS eventually. MinIO provided that bridge. We could write code only once and make it work with MinIO. When we move the same code to the cloud to scale it, it will still continue to work."

Nasrudin Salim Suden
Assistant Vice President at DBS Bank

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"While being well suit for kubernates, MinIO also made solution cloud agnostic in storage operations.

For one of the customer due to regulatory constraints, we had to deploy the product on-prem with no access to AWS or open internet. MinIO out-of-the-box supports NFS share (volume) object store. It meant that rather than having to look out for or move to a new product we could stick with MinIO and adapt to newer environment requirements. Secondly, the APIs are quite well documented, including the setup onto Kubernetes clusters and we were able to reduce our ops efforts."

Omkar Dhulap
Product Owner at a tech company with 1,001-5,000 employees

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"We're currently running MinIO in parallel to an existing object store as we migrate to it. Object retrieval with MinIO is much improved over the prior solution, updates are simple to apply, and we anticipate that future capacity requirements will be easier to meet. Our customers are using this solution to retrieve tens of thousands of objects (documents and files) per hour, and MinIO seems to be able to keep up with it. While we migrated all 7 million objects we are performing a byte-by-byte validation before removing them from the old system - a process that is not expected to be completed before the end of the year. From a management perspective, once we get the object store validated, we're going to be able to set up a seamless synchronization with our offsite data store in Amazon S3 with the built-in functionality for mirroring buckets, which will provide a huge improvement over the existing application."

Rebecca Sutter
Chief Technical Officer at NIASE

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Reviewers Who Have Researched Both Solutions

Sankarguru Thirgnanasambandam
Senior Architect - Technology Consulting at Ernst & Young

Researched Red Hat Ceph Storage But Chose MinIO

Pros

"The initial setup was straightforward as MinIO provided good support documentation and took a couple of days to complete."

Cons

"The developer support could be better."

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What is our primary use case?

“I mainly use MinIO to store and process unstructured data like customer receipts.”

What needs improvement?

“The developer support could be better.”

For how long have I used the solution?

“I've been using MinIO for two years.”

What do I think about the stability of the solution?

“MinIO's stability is pretty much okay.”

What do I think about the scalability of the solution?

“MinIO is scalable.”

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How are customer service and support?

“We've used the UI interface and community practice and tended to get a response back within a couple of days.”

Which solution did I use previously and why did I switch?

“Previously, we had a Hadoop-based database, but the tools and the community service to manage the Hadoop clusters were too expensive.”

How was the initial setup?

“The initial setup was straightforward as MinIO provided good support documentation and took a couple of days to complete.

I would give MinIO a rating of eight out of ten.”

Which other solutions did I evaluate?

“We evaluated Cloudian and RedHat.”

What other advice do I have?

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“MinIO's architecture is very simple, but since it doesn't go with any particular hardware, sometimes they rely on outside software.

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