



Portworx Enterprise

Reviews, tips, and advice from real users



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Product Recap



Portworx Enterprise

Portworx Enterprise Recap

Portworx Enterprise specializes in security, backup, and disaster recovery for Kubernetes. It offers advanced multi-cluster storage management, enabling seamless migration between on-premises and cloud environments.

Portworx Enterprise provides robust security and management features essential for Kubernetes environments, supporting efficient cross-cluster storage management and facilitating smooth migration between on-premises and cloud platforms. Its resilience and functionality allow users to focus on containerized workloads. Stork and topology awareness enhance usability, complemented by comprehensive documentation for PersistentVolumes and PersistentVolumeClaims implementation. Competing with Rancher's Longhorn, it matches Pure Storage's simplicity.

What features define Portworx Enterprise?

- Security: Prioritizes secure data handling and robust disaster recovery.
- Autopilot: Automates storage management for efficiency.
- Backup and Disaster Recovery: Ensures data resilience and availability.
- Multi-cluster Support: Facilitates efficient cross-cluster interactions.
- Stork: Enhances operational dynamics and usability.
- Volume Replacement Strategy: Increases storage reliability.
- Topology Awareness: Optimizes storage placement for performance.

What benefits and ROI should users anticipate?

- Efficient Migration: Seamlessly transition data across environments without disruption.
- Data Locality: Maximizes the accessibility and speed of data.
- Enhanced Usability: Improves interaction simplicity and management ease.
- Documentation: Provides clear guidance for PersistentVolume integration.
- High Satisfaction: Users gain solutions aligning with modern application needs.

Portworx Enterprise is utilized in containerized environments, predominantly in cloud settings with Kubernetes. Users often shift from open-source to enterprise-grade capabilities, benefiting from its efficiency in implementing shared volumes and strong data locality features. Those using dedicated storage for provisioning pure volumes report high satisfaction levels, particularly when exploring modern application settings.

Valuable Features

Excerpts from real customer reviews on PeerSpot:



“In a disaster recovery scenario, Portworx Enterprise data recovery has been very effective.”



Vishwanath Singh

Senior Engineer 3 at a financial services firm with 10,001+ employees



“We are offering two kinds of environments: one for customers working with modern data and modern application development, and they are finding that it is easier for them to migrate workloads from on-premises to cloud or the other way around.”



David Ivorra

CEO at Lynx View



“Stateful applications are now more resilient and less susceptible to infrastructure-related disruptions, while storage management has become more consistent with our Kubernetes practices, leading to better disaster recovery readiness and faster application deployments.”



PrinceKumar7

Cloud Engineer at a computer software company with 501-1,000 employees



“Portworx virtualizes the aspects of the underlying block storage. That is good because they can also use block storage for their future deployment instead of just NFS.”



Paulo Jose Bosco Otto

Consultant at PBOservicos-Informatica



“A custom IBM script is designed to tackle the storage management challenges within containerized environments, providing crucial data services and features required for enterprise applications.”



Panagiotis Tsitimakis

Middleware Team Leader at InTTrust SA



“The best thing about Portworx is the Stork, they have called the VPS (Volume Replacement Strategy) and they also have topology awareness, and these are the three features I like.”



Mahidhar K

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



“I like that you have a small dedicated file system that is fast and resilient for containerized workloads.”



Verified user

Director of Information Technology at a logistics company with 10,001+ employees

What users had to say about valuable features:

“Portworx is a simple solution. It's similar to Pure Storage products. They're all easy to use and install. You need to have a little expertise with containers to use Portworx, but it will be no problem for you if you understand containers..”

Verified user

Business Development Manager of Storage Systems at a manufacturing company with 1,001-5,000 employees

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“We were using MongoDB, and Portworx has many instructions for applications like MongoDB and Couchbase. They have a lot of documentation, so you can implement PersistentVolumes and PersistentVolumeClaims and construct the YAML based on the application..”

Paulo Jose Bosco Otto

Consultant at PBOservicos-Informatica

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“I like that you have a small dedicated file system that is fast and resilient for containerized workloads. If I containerize a database server, I know that not only is Portworx providing a persistent and resilient storage backend, but it also meets the database's IOPS requirements, in a containerized environment.

It competes with Rancher's Longhorn..”

Verified user

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Director of Information Technology at a logistics company with 10,001+ employees

“The most valuable features I have found in Portworx Enterprise include security features, Autopilot, and all the features regarding backup. Regarding backup and disaster recovery, the best part is that customers without a backup feature were finding considerable troubles making a backup they could rely on. For Kubernetes, this is very challenging.

“Portworx Enterprise's multi-cluster storage supports our customers by allowing them to manage complex data environments efficiently. We are offering two kinds of environments: one for customers working with modern data and modern application development, and they are finding that it is easier for them to migrate workloads from on-premises to cloud or the other way around. We find that it is easier to develop and have those features to help them focus on functionality rather than architecture. On the other hand, for the more traditional sysadmins, whenever development teams are asking for features, what they are finding is that Portworx Enterprise helps them provide those features and also find solutions regarding Portworx Enterprise and other solutions for containers, allowing them to maintain enterprise features while eliminating Broadcom. There are these two different approaches with the same solution..”

David Ivorra

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CEO at Lynx View

“The best feature is that we have integrated it with Kubernetes. When we have some servers that are going for patching or there is a hardware issue, I can replicate the data into other nodes very easily. I can use some pxctl commands and get the data replicated into other nodes which are healthy. That is the best feature. Managing the data after the initial setup is very easy in Portworx Enterprise. It is also easy to integrate with Kubernetes.

“We did utilize that functionality. In a disaster recovery scenario, Portworx Enterprise data recovery has been very effective. The only reason why we are moving from Portworx Enterprise to OpenEBS now is because of cost optimizations.

“I would classify this into two parts: my requirements and my operational efficiencies. My requirements are definitely met by Portworx Enterprise. Once my requirements were met, when I am doing any operational activity, any patching, purging, or any underlying node activities, it is easy for the operational team to manage Portworx Enterprise. They can simply give certain commands, get the underlying data transferred to other nodes, get the data cordoned, and they can take care of the underlying nodes. Portworx Enterprise has been very effective..”

Vishwanath Singh

Senior Engineer 3 at a financial services firm with 10,001+ employees

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“Some of the valuable features of Portworx Enterprise include Kubernetes Native Storage, which is the most valuable feature along with its deep integration with Kubernetes, attractive high availability and data replication as the second most valuable function, disaster recovery capabilities, and operational simplicity.

“Kubernetes Native Storage has made the biggest impact for my team as it has dynamic provisioning, allowing storage resources to be provisioned automatically as application requirements evolve, helping us in many ways.

“Portworx Enterprise has positively impacted our organization by improving our application availability. Stateful applications are now more resilient and less susceptible to infrastructure-related disruptions, while storage management has become more consistent with our Kubernetes practices, leading to better disaster recovery readiness and faster application deployments.

“While not providing cost savings, we have definitely noticed that application availability and downtime is now very minimal, and application deployment has become much faster because the development team can now provision storage resources very quickly without any dependency on manual infrastructure requests..”

PrinceKumar7

Cloud Engineer at a computer software company with 501-1,000 employees

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Other Solutions Considered

“Portworx Enterprise is easy. If they are using Kubernetes and if they have an option to consider Portworx Enterprise, they can give it a try. But if they have other options, they can wait and then decide. They can give it a try..”

Vishwanath Singh

Senior Engineer 3 at a financial services firm with 10,001+ employees

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“The decision to move from Portworx Enterprise to OpenEBS was taken absolutely by leadership. I was not part of the decision making. As far as I know, Portworx Enterprise was a bit expensive when compared to OpenEBS. OpenEBS is a bit less expensive. That was maybe the main reason and driving factor why they chose OpenEBS instead of Portworx Enterprise.

“The decision to migrate to OpenEBS was taken by leadership. There can be many factors driving that decision. I feel that one of the reasons was that it was a bit expensive..”

Vishwanath Singh

Senior Engineer 3 at a financial services firm with 10,001+ employees

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“Let me give you an example of a customer. They provided storage but not for use with Kubernetes. The storage was network-attached and not integrated with Kubernetes. In order to integrate the storage with Kubernetes closely, you need to install drivers. Requests for PPE or PBC creation and volume creation should go through these drivers. The drivers are deployed as ports or deployments in Kubernetes. For example, Dell provides its own Kubernetes plugins when we use Dell storage, which makes it easy to provision the requested storage. Currently, it can interact with the storage.

In one of our customer's cases, the storage was connected to all of the nodes, but the integration was not done because that storage did not support Kubernetes integration.

We had a database application that needed dynamic volume provisioning, which was not the case. We tried initially with Longhorn, but we ran into many issues. So we had to drop the idea of Longhorn and go with Portworx. When compared with Longhorn, Portworx was better in terms of performance and handling of the load. So we deployed the solution and tested it thoroughly. We went through the Portworx documentation and features. Basically, Portworx uses Stork, which is one of their native technologies that you can leverage as Kubernetes. Whenever a port request comes in, it goes to the Kubernetes scheduler and that information is passed to Stork. Stork then assigns scores to the worker nodes based on the volume where it is present. This ensures data locality, and Portworx does it better than other technologies in the long run. So based on that, Portworx will be deployed on a node where the volume is already present..”

Mahidhar K

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

Use Case

“The primary and exclusive purpose of this software is dedicated to storage, specifically for provisioning pure volumes within containerized environments..”

Panagiotis Tsitimakis

Middleware Team Leader at InTTTrust SA

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“The main purpose was to replace the NSS as the back-end storage because they were using open source products. We shifted to Portworx to mainly implement shared volumes. We do not use the solution in a heavy environment..”

Paulo Jose Bosco Otto

Consultant at PBOservicos-Informatica

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“We use it for storage. In terms of data locality, Portworx is pretty good compared to other technologies in the long run. We also have other SBS layers, but those are not enterprise, and there are not many offerings from those technologies, so I understand..”

Mahidhar K

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

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“In the case of Portworx Enterprise, we have been developing our first couple of projects, and I find it to be a strong option on the market. We have known Kubernetes for a long time and have been working with those kinds of environments for modern applications. The satisfaction is quite high. The features we are finding have no doubt delivered what was promised. I can only compare it with Trident from NetApp, so I do not have all the information to tell you this is the best solution, but we are very satisfied with Portworx Enterprise..”

David Ivorra

CEO at Lynx View

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“We use Portworx Enterprise on OpenEBS for Kubernetes. Our Cribl infrastructure is entirely on Kubernetes with shared nodes. For the shared nodes, we create PVC and PVC will reference the storage into Portworx Enterprise. Portworx Enterprise serves as the place where our Cribl data is stored technically. We use it for storage of the Cribl events.

“We were using Portworx Enterprise until now. Since we have some legacy hardware that is on Portworx Enterprise, we are now migrating to OpenEBS..”

Vishwanath Singh

Senior Engineer 3 at a financial services firm with 10,001+ employees

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“Portworx Enterprise is our primary Kubernetes storage and data management platform for our stateful workloads running across our production Kubernetes environment.

“We use Portworx Enterprise as our storage layer for several Kubernetes-based applications, running multiple stateful workloads within the Kubernetes environment that require persistent storage such as databases, internal business applications, analytics workloads, and monitoring platforms. This serves as a persistent volume that remains available regardless of pod scheduling events..”

PrinceKumar7

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Cloud Engineer at a computer software company with 501-1,000 employees

Setup

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

“The Portworx isn't complex. You need some basic knowledge about containers, but you don't need to be an expert. If you know how containers work, you can install Portworx easily. Support for deployment is provided by a remote engineer in another region..”

Verified user

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Business Development Manager of Storage Systems at a manufacturing company with 1,001-5,000 employees

“The initial setup is straightforward and simple. You couldn't have asked for a more ideal situation. It was as simple as entering your host key and receiving your license. You're all set to go from there. It's plug and play, in any Kubernetes environment..”

Verified user

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Director of Information Technology at a logistics company with 10,001+ employees

“The initial setup proved to be a relatively straightforward process. It is important to note that the installation scripts provided by IBM are quite challenging. When working with these scripts, careful attention and caution are required since they are sourced directly from IBM..”

Panagiotis Tsitimakis

Middleware Team Leader at InTTrust SA

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“The deployment can be complex with Red Hat OpenShift, which closes off possibilities and even creates some barriers, such as while testing dynamic volume expansion. The deployment is complex with Red Hat and even worse now because IBM is adding its object storage. Portworx is not the problem..”

Paulo Jose Bosco Otto

Consultant at PBOservicos-Informatica

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“For the initial setup, the company provides Portworx's Spectrum, which generates URLs after passing a few details, making it seem straightforward. But it's not that easy. Sometimes issues arise during deployment because understanding the Portworx architecture is crucial. It has several components, such as KBDB, a Stork scheduler, and Portworx cluster, so understanding the architecture helps troubleshoot any issues.

The initial setup usually takes five minutes. It's pretty fast..”

Mahidhar K

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

“It was very straightforward. You just have to write a Helm chart, and in Helm chart you have to call the persistent volume, and in the persistent volume you have to define it. In technical terms, it was very straightforward. It was not at all complex.

“It was easy for someone who knows how to integrate it. However, someone who does not have much idea about the storage and is more focused on object storage or Amazon bucket storage or that type of storage would find it complex..”

Vishwanath Singh

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Senior Engineer 3 at a financial services firm with 10,001+ employees

Customer Service and Support

“We haven't contacted technical support yet, but I think it should be good enough based on previous experience with other products from the same vendor..”

Verified user

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Business Development Manager of Storage Systems at a manufacturing company with 1,001-5,000 employees

“Dealing with customer support can be challenging when there's an intermediary involved. However, this is a situation that we've encountered before and successfully resolved. We faced a similar issue with Dell, where, for instance, when purchasing storage solely as an OEM product, you are required to go through this intermediary rather than approaching the source directly..”

Panagiotis Tsitimakis

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Middleware Team Leader at InTTrust SA

“The main problem, since they are a small company, was when we opened a support request, there were too few people to handle it. The problem was also that OpenShift was very complex because we migrated from OpenShift 3 to 4, so many of the problems were more related to OpenShift.

Portworks knew the environment at that time and could guide us, and they had lots of documentation with comprehensive texts and best practices..”

Paulo Jose Bosco Otto

Consultant at PBOservicos-Informatica

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Other Advice

“I would rate Portworx Enterprise a ten out of ten because it has many attractive functionalities. I would recommend Portworx Enterprise to organizations running production Kubernetes workloads that require enterprise-grade storage and data management capabilities. I give this review an overall rating of ten out of ten..”

PrinceKumar7

Cloud Engineer at a computer software company with 501-1,000 employees

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“I would recommend ensuring that you perform regular backups, specifically the TX backup, which is essential for Portworx. It's crucial to note that no other backup software is suitable for this purpose. Therefore, when obtaining the enterprise license, including a comprehensive backup solution is important as part of the package. Overall, I would rate it eight out of ten..”

Panagiotis Tsitimakis

Middleware Team Leader at InTTrust SA

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“I have so much experience in [Dynatrace](#) and also I have experience in [Grafana](#) and in Kubernetes. Kubernetes is the last one that I have experience with. It has helped greatly. It is very beneficial. I think we had bought it from Pure Storage. I gave this review a rating of eight out of ten..”

Vishwanath Singh

Senior Engineer 3 at a financial services firm with 10,001+ employees

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“I would recommend the solution depending on the use case. If a use case demands support, and the high-performance, then you should go for Portworx. Also, consider the type of application you want to use it for and take certain factors into consideration before going into the storage, VPS layer, or [CSI](#).

Overall, I would rate the solution an eight out of ten because of the data locality, documentation, and possibly a cheaper price, which could increase the score. It works quite well under intensive load, and support is available. It does what it has to do at the end of the day..”

Mahidhar K

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

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“As a company managed in a [Kubernetes](#) environment, being trusted by a [Kubernetes](#) vendor, Red Hat creates barriers against using other certified solutions that work. Because IBM is a competitor of Pure Storage, things seem to be getting worse.

I don't have plans to use [Portworx Enterprise](#) in the future because, at the

moment, I am working with Ondat, and I have to follow NetApp's direction on that.

When evaluating Portworx, one should make sure their company has already chosen Pure Storage. Still, if they are evaluating the solution on Ondat or Dell or other platforms, they should get a roadmap statement from Pure Storage, that they will continue to develop storage hardware diagnostics.

I rate Portworx a nine out of ten..”

Paulo Jose Bosco Otto

Consultant at PBOservicos-Informatica

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“Regarding granular data management policies, my profile is not just sales but also technical, and I did not touch all the features. Regarding data policies, we did not find any trouble working with the pods and with the data within the pods or in the clusters. I assess the effectiveness of Portworx Enterprise in disaster recovery scenarios as very effective because one of those architectural decisions made was that the backplane is capable of being shared with various environments. You do not have to work with just pure storage, but you can work with Huawei or NetApp or in the cloud. This makes disaster recovery really covered because the solution is not dependent on the hardware you have, and you do not have to have the same hardware in the other endpoint. It is a very strong and resilient solution. We have made some testing, and it is capable of keeping business continuity without any problems in a couple of different scenarios.

“Portworx Enterprise's ability to integrate with existing infrastructure has benefited our customers' technology stack by allowing them to develop modern applications without having to think about what kind of storage they have. They can focus on developing the correct features instead of making the software based on the architecture of their storage. The more they can work with any kind of storage, the better. Many people starting with Kubernetes have limitations

depending on their hardware, which can be a real challenge. Therefore, being able to work with any kind of storage is really different. What I have found in other solutions is that you have to work with just one solution, and if you want to work with two, you will have to perform considerable work to migrate the solutions, and it should not be similar to a disaster recovery scenario. If you are not able to work with a couple of solutions, it means that the software depends on the hardware, which is an unfavorable situation.

“I would rate Portworx Enterprise overall between nine and ten because it really works well. For example, we made a deployment that was working almost seamlessly from the beginning, and we were able to work with the customer for a granular integration without any issues in our first deployment. Kubernetes can be difficult and complex, but in my perspective, it was much easier than our first Kubernetes deployments. I assess the overall review rating for Portworx Enterprise at nine out of ten..”

David Ivorra

CEO at Lynx View

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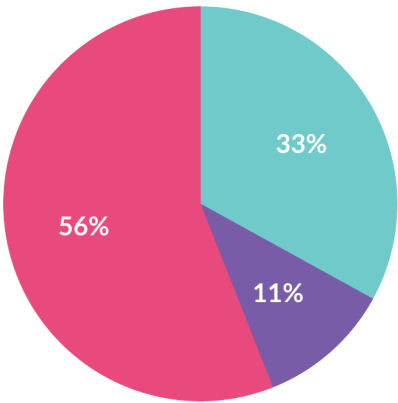
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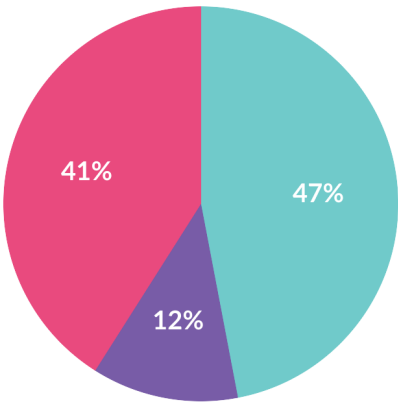


Company Size

by reviewers



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Large Enterprise Midsize Enterprise Small Business

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