

The Kubernetes Data Protection Platform

Fast, easy and secure data protection for Kubernetes apps anywhere

When moving Kubernetes applications into production, DevOps teams need to have a data protection plan in place to anticipate the unexpected and ensure quick recovery of all data. However, there are six major challenges organizations face in protecting their data:

1 Traditional backup is time-consuming

Machine-based solutions aren't built for the volume of objects or infrastructure of Kubernetes, so they require more effort to back up apps.

2 Traditional backups aren't app-aware

Traditional solutions cannot backup individual containers or app configurations, leaving data at risk for loss.

3 Unable to backup and restore anywhere

Multi-cloud and multi-region organizations need the flexibility to migrate apps.

4 Difficult to maintain compliance

Managing regulatory and organizational compliance that dictate how many backup copies you need and for how long can be challenging.

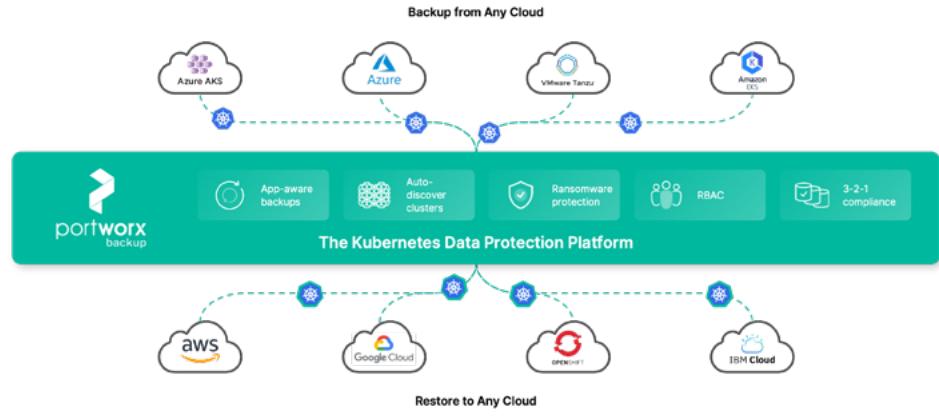
5 App downtime is expensive

Even just a few hours of service outage from a disaster can cost organizations millions.

6 Ransomware attacks are a growing concern

Nearly 80% of organizations reported being the target of a ransomware attack over the past year.

Portworx Backup is a market-leading data protection service built for Kubernetes, simplifying compliance and empowering application owners to backup and restore their apps anywhere in just a few clicks.



Top Data Protection Use Cases for Portworx Backup



Backup and restore

Back up all components of a Kubernetes application as a data protection solution to decrease app downtime and recover quickly.



Cross-cloud migration

Migrate Kubernetes clusters to a new Kubernetes version or environment, whether it's on-prem or cloud.



Copy data management

Use backups as a true end-to-end testing environment without risking production data.

"Backup is simpler [with Portworx]. We can now back up single data volumes, restore them to another namespace, and then simply copy the data we need directly from that space, which saves us significant time and headaches."

Jeroen van Gemert
DevOps Engineer



Fast, Easy and Secure Data Protection

Self-service backup in a few clicks

Get started faster than ever on a fully managed or self-managed data protection service. Empower teams with self-service access to centrally manage single-click backup and restore on their own and reduce IT team dependencies.

Migrate apps anywhere in minutes

Portworx Backup enables easy migration for applications, including stateful apps, between any cloud, hybrid, or on-prem environment. App-aware and container granular backup ensures all Kubernetes data, configurations, and objects are fully protected.

Sleep sound with safe and secure data

Object lock support guarantees protection from ransomware attacks with recoverable data from backups. Gain peace of mind with sophisticated RBAC permissions for heightened security, and adhere to compliance needs with 3-2-1 rule support.

Ensure business continuity

Trust that your data will be available when you need it. Protect data from loss and reduce app downtime with low RPO and low RTO, or pair with PX-DR for zero RPO and low RTO for mission-critical applications.

Supported Kubernetes Services



Amazon
Elastic
Kubernetes
Service (EKS)



Google
Cloud
Kubernetes
Engine (GKE)



IBM
Kubernetes
Service (IKS)



Microsoft
Azure
Kubernetes
Service (AKS)



Rancher
Kubernetes
Engine (RKE)



Red Hat
OpenShift



VMware
Tanzu

Use the Portworx Backup free forever tier with no feature restrictions. Get started today!

Learn more at portworx.com