Make Hybrid Cloud a Reality with Google Anthos and Portworx

You're investing millions to make hybrid cloud a reality with Google Anthos, moving both your cloud-based and on-premise applications to Google Kubernetes Engine (GKE). But you can't ignore your data. Your applications have strict business requirements related to performance, reliability and security that require enterprise-class cloud-native storage and data management. The Portworx Enterprise Data Platform gives you the data mobility, performance and security needed to run mission-critical, stateful applications on GKE in the hybrid cloud.

Operate at enterprise scale. With Portworx, you get the same scalability for data that GKE provides for compute. Easily create thousands of volumes in minutes.

Move data seamlessly between on-prem & the cloud. Successful hybrid cloud strategies depend on the ability to move data between your data centers and the cloud. Portworx lets you escape data gravity and access data wherever you need it.

Meet your SLAs. With high availability, Kubernetes-integrated disaster recovery and tuneable performance, the Portworx Enterprise Data Platform makes it possible to run stateful applications on GKE or GKE on-prem and still meet strict SLAs and regulatory requirements.

Get more out of your data. Portworx simplifies data access and analysis using leading open-source SQL, NoSQL, Big Data and AI/ML technologies without requiring central IT to give up control.

Secure data automatically. Reduce security risks with automatic policy-based data encryption in transit and at rest as well as complete role-based access controls integrated with corporate authentication systems.

We're proud to serve some of the world's most sophisticated enterprises

What Google has to say about Portworx

" Enterprises are increasingly running applications with non-negotiable business requirements like strict data security, disaster recovery, SLAs, compliance and governance on Kubernetes. Partners like Portworx who offer strong cloud-native storage and data management capabilities to address these requirements in the Google cloud and on-prem are an important part of any enterprises Kubernetes strategy."

Nikhil Kasinadhni,
Director of Engineering,
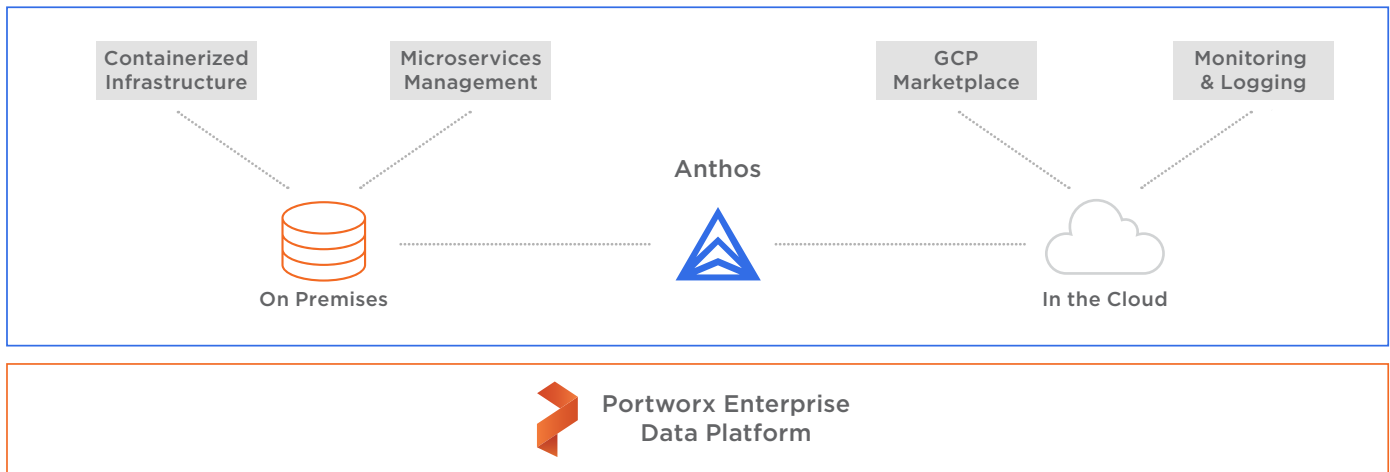Google

The Portworx Storage Platform for Kubernetes

PX-Store is persistent storage optimized for containers. PX-Store transforms your underlying hardware or public cloud storage infrastructure into a cluster-wide storage pool for all your applications running on Kubernetes.

On top of the scalable, enterprise-class, persistent storage layer **PX-Secure** provides encryption and role-based access controls, **PX-Migrate** provides data mobility and backups optimized for Kubernetes, PX-DR ensures zero RPO disaster recovery and continuous global backups, and **PX-Autopilot** provides storage automation that lets you slash your storage costs in half.

PX-Central is the user interface that sits on top of the rest of the Portworx data platform. PX-Central provides a single pane of glass to get complete monitoring and metrics on your data rich applications running on Kubernetes, regardless of whether they are running on-premise or in the public cloud.

Bring stateful applications to GKE

Kubernetes makes it possible to run containerized applications at scale and Anthos makes it easy to adopt hybrid cloud, but neither platform natively provides the persistence, high availability, auto-scaling, data security and disaster recovery needed to run mission-critical stateful applications. In practice, this means that your Anthos adoption will be limited and your legacy platform will continue to grow, leaving you at a competitive disadvantage. With the Portworx Enterprise Data Platform, it's possible to complete the transition to containers and future-proof all of your applications.

Solve hybrid cloud data mobility

Anthos simplifies hybrid cloud deployments by providing a single, consistent platform to manage applications running in GKE both on-premise and in the public cloud, but it doesn't natively facilitate data mobility. With the Portworx Enterprise Data Platform, you can move data between environments quickly and securely, allowing for backup and recovery, capacity planning and maintenance.

Learn more at portworx.com