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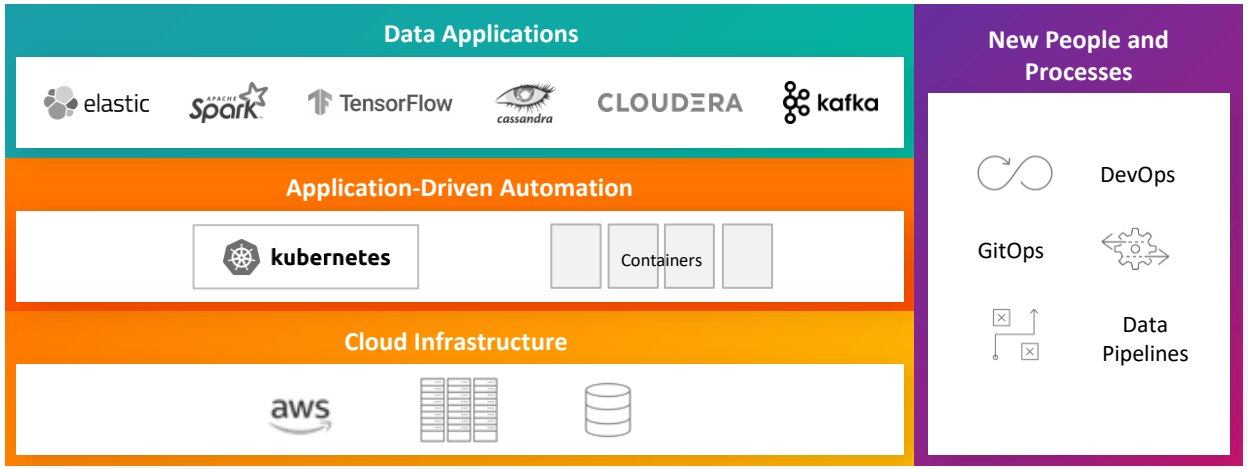
Portworx and Amazon EKS: A great way to run Kubernetes applications

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VP, Engineering
Portworx by Pure Storage

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Containers + Kubernetes is how cloud-native happens



95%
OF NEW APPLICATIONS
are developed in containers.
451 Research

81%
OF ENTERPRISES
work with 2+ public cloud providers.
Gartner

78%
OF CNCF MEMBERS
use Kubernetes in production.
CLOUD NATIVE COMPUTING FOUNDATION

85%
OF GLOBAL BUSINESSES
will be running containers in production by 2025 (up from 35% in 2019).
Gartner

Kubernetes doesn’t address all key storage and data management requirements



Kubernetes solves the application orchestration problem

Container Granular Volume Provisioning and High Availability

Data Encryption and Security

Backup and Recovery

Business Continuity and Disaster Recovery

Automated Storage Monitoring and Management

Challenges with Cloud-Native Applications and Databases



Heterogeneous Databases

- Each solution with its own patterns
- Multiple operating tools and database vendors
- Skillset gaps and scaling challenges



Slow Application Development

- Poor quality of experience with storage due to tools built for VM, not K8s architecture
- Lack of data availability during outages



Lack of Robust Data Protection

- Traditional backup is time-consuming and machine base v/s application-aware
- Unable to backup and restore to any on-prem or public cloud location
- Difficult to maintain container-granular compliance
- Ransomware events are a growing concern

Reduce

time to market for new applications by

up to 50%

3x

improvement in database admin

productivity

Hybrid cloud ready

One Platform, Any Database

Save up to 75% on costs

associated with cloud databases

Improve fault tolerance

reduce downtime, events, and recovery time across AZs

Business Outcomes of

Portworx

Portworx: The #1 Kubernetes Data Platform

Operate, Scale, and Secure Amazon EKS Applications and Databases Anywhere with a Few Clicks

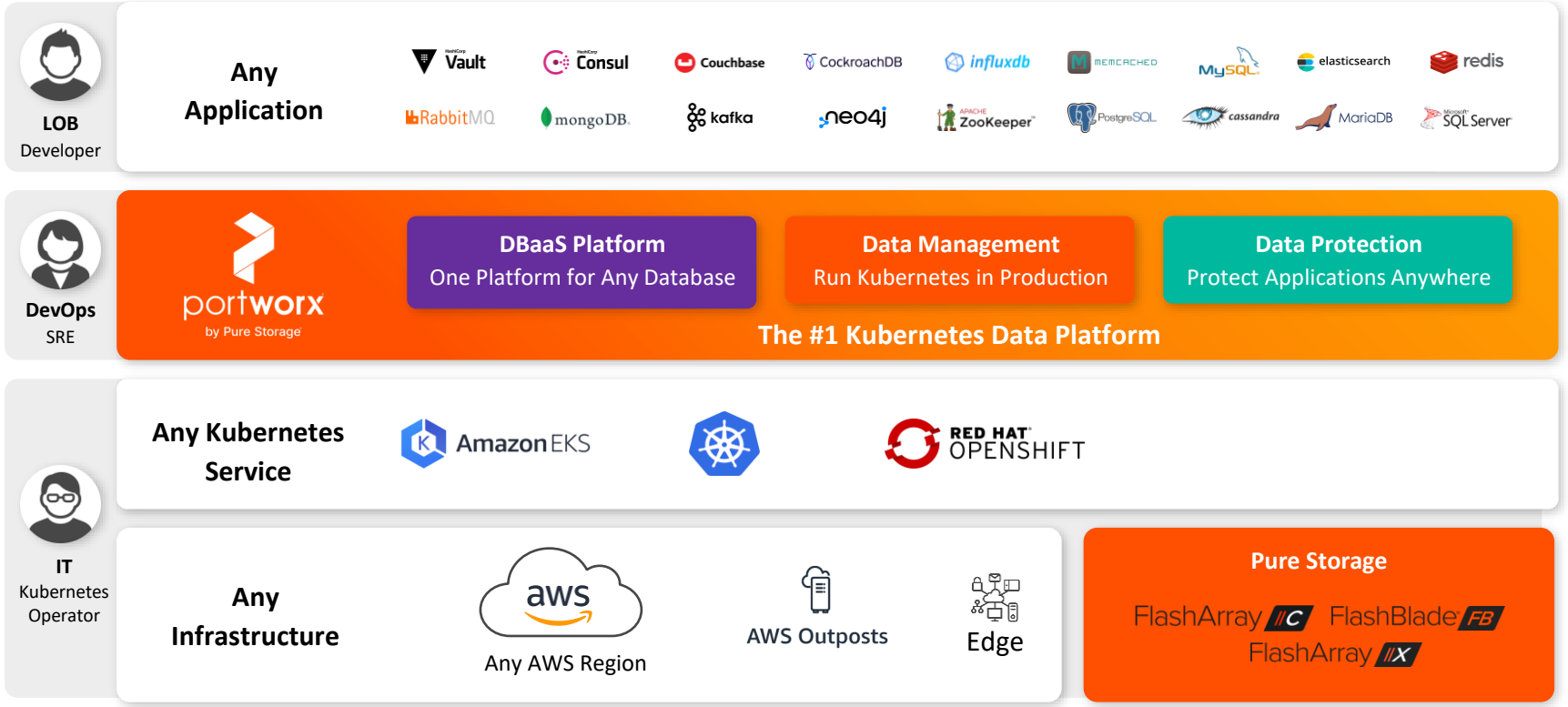
Why Portworx?

Boost Developer productivity with one-click deployment and operation of multiple databases and K8s storage

Scale Kubernetes in production within days versus months, with on-demand access to storage and high-availability, fault-tolerant performance

Help applications to recover in seconds for mission-critical Kubernetes deployments

Reduce cloud storage costs by 50% or more for Kubernetes data and applications

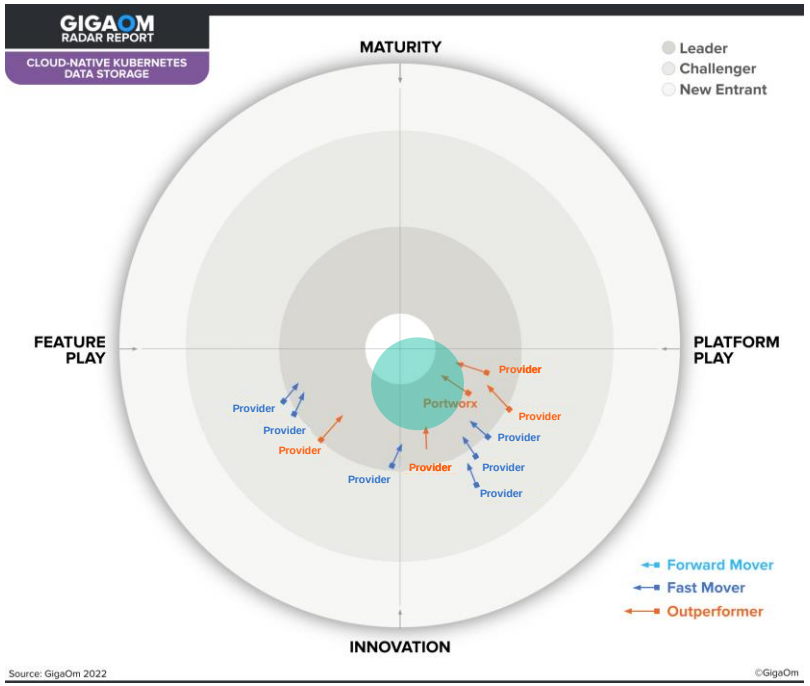


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#1 in Kubernetes storage for 3 years in a row

portworx by Pure Storage

#1 in Cloud-Native Kubernetes Data Storage

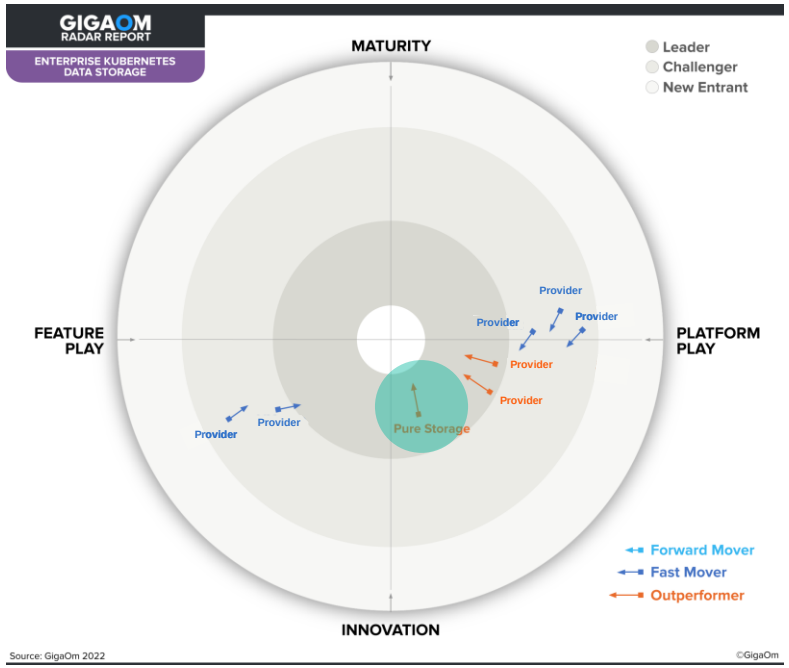


GIGAOM

GigaOm Radar for Cloud-Native Kubernetes Data Storage, 2022

PURESTORAGE®

#1 in Enterprise Kubernetes Data Storage



GIGAOM

GigaOm Radar for Enterprise Kubernetes Data Storage, 2022

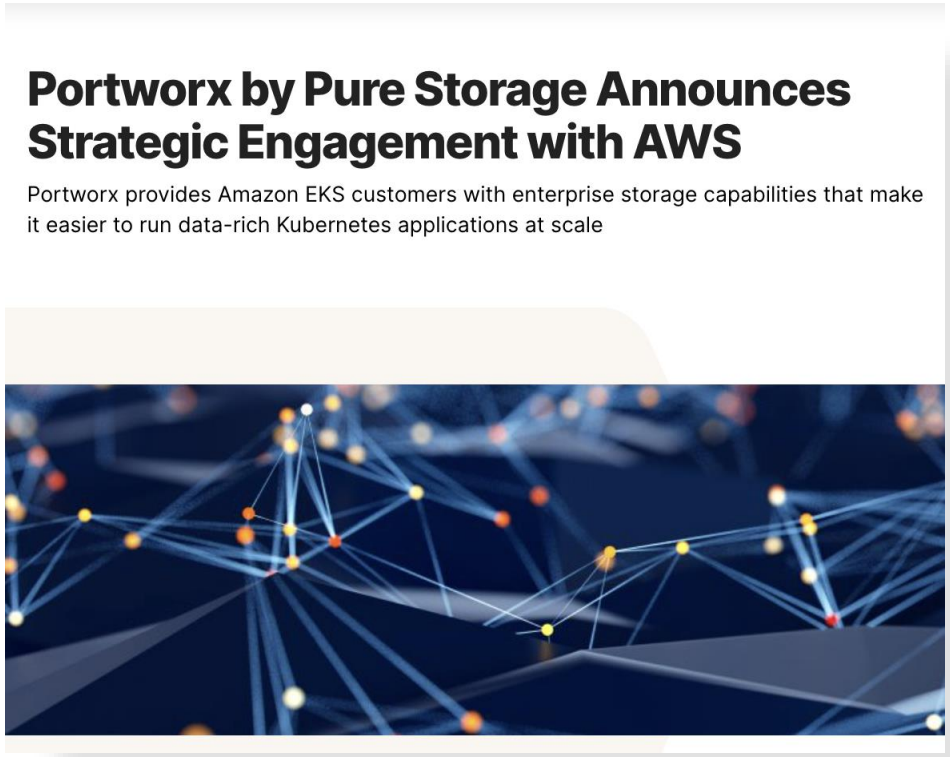
Portworx, an AWS Partner

Announcing Portworx strategic engagement with AWS

Backup as a Service

Portworx Enterprise

Portworx Data Services



"As more and more organizations adopt containers and Kubernetes to build and modernize applications, solutions that accelerate their journey to the cloud create significant value. We are excited to work with Portworx to provide customers another option for backup and data management on Amazon EKS."

–Deepak Singh, VP Compute Services, AWS

https://www.purestorage.com/company/newsroom/press-releases/portworx-announces-strategic-engagement-with-aws.html

Portworx on AWS can make it easier to operate, scale, and secure your Amazon EKS applications



Disaster Recovery and High Availability

Fast, automated multi-AZ, multi-Region HA and DR providing fast failover and reduced RPO for Kubernetes applications



Backup and Data Protection

Application-consistent, container-granular backup and restore with built-in security including RBAC and ransomware protection



Data Migration

Comprehensive migration toolset delivering automated, cross-Region and cross-zone migration



Optimize Cost and Performance

Reduce cost of AWS infrastructure and operations by up to 60% while cutting time to market from months to days

Customer success stories

Delivering people and tools that hospitals need

Objective

Healthcare organizations increasingly want to handle their recruitments and administration online. CHG Healthcare needed a stable environment to develop, test, and deploy new applications that give customers the services they want.

Solution

Portworx meets the storage needs for CHG Healthcare's development environment, including strong replication, data recovery, and availability. CHG accelerates the development cycle to get new services in front of customers faster.

Results



Speeds up software development cycle



Saves $5,000 per month in data streaming and management costs



Gains strong support from Portworx engineers

CHG Healthcare

"With Portworx in place, we can continue to play our part in helping hospitals and medical institutions deliver modern care services across the United States for years to come."

Reed Glauser
Director of Engineering, CHG

Geo
NOAM

Solution Area
Enable Hybrid Cloud

Industry
Healthcare

Products in Use
Portworx®

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Scalable, persistent storage for mission-critical applications

Objective

Audi Business Innovation was seeking a storage provider that could deliver the persistent storage needed for their Kubernetes applications while maintaining the reliability, performance, support, and pricing of legacy NAS.

Solution

Audi Business Innovation deployed Portworx to provide storage for multiple frontend applications. With Portworx, Audi was able to improve their operational reliability and upgrade support while reducing their overall cloud storage bill by 60%.

Results



Improved performance for Kubernetes storage



Improved operational reliability and upgrade support



60% reduction in overall cloud storage bill

portworx by Pure Storage

"Portworx saves us time and money by providing more reliable tooling to our customers."

Sven Sonnendorfer
Audi Business Innovation

Geo
Europe

Solution Area
Kubernetes Storage

Industry
Automotive

Products in Use
Portworx® Enterprise

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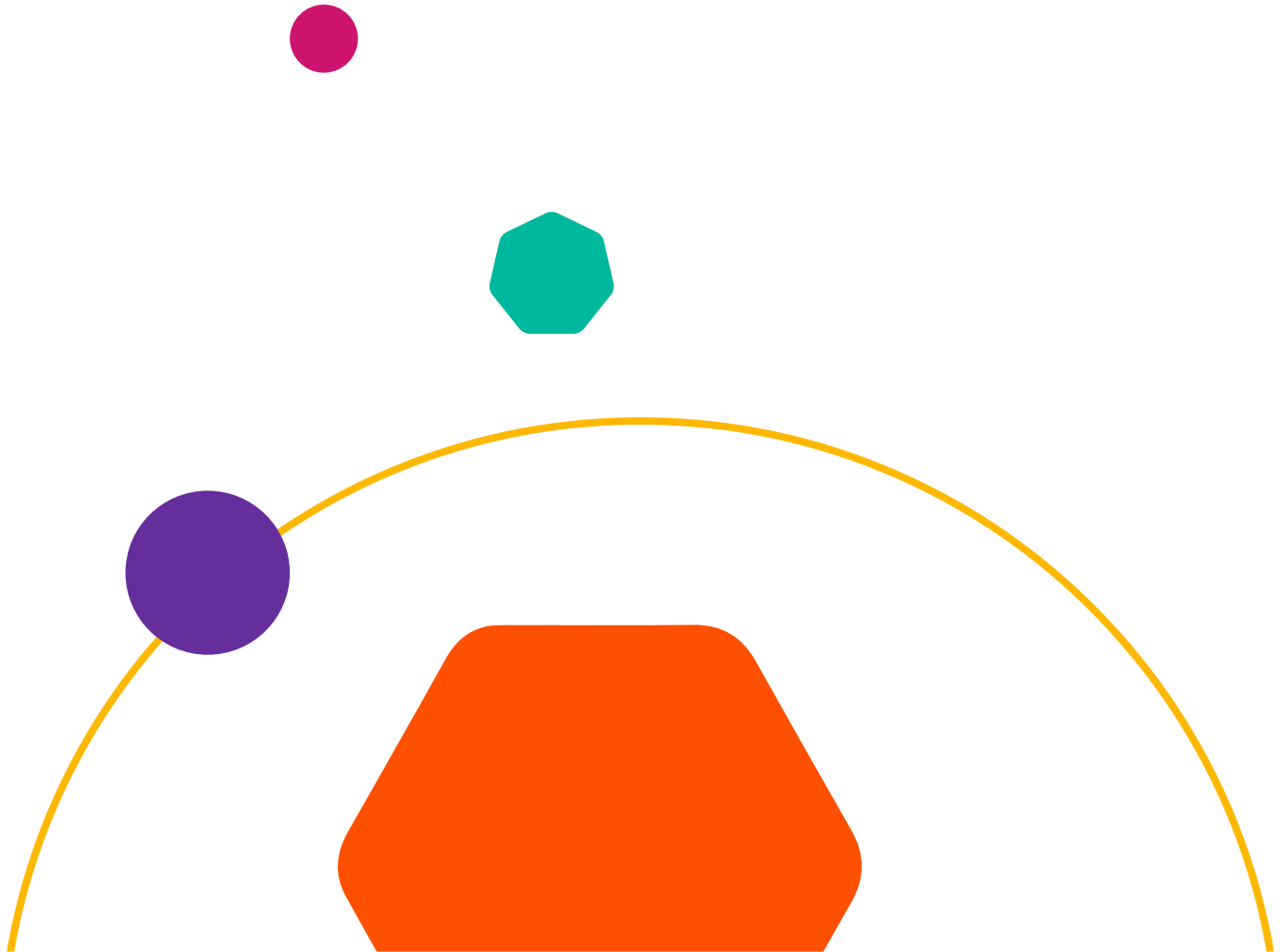
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portworx
by Pure Storage

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https://portworx.com/awsmarketplace



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