**Portworx Enterprise Reaches 2.1**

Written by Frederick Douglas
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Portworx announces an update of the namesake cloud-native storage and data management platform-- Portworx Enterprise 2.1, adding features focused on security and disaster recovery.



Role-based access controls come as part of PX-Security, a feature enabling organisations to set access ownership and access controls on a per container volume basis, integrated within a corporate authorisation and authentication system. Another addition is PX-DR, a feature enabling disaster recovery with zero data loss between datacentres located within a single metropolitan area.

"Adoption of container technologies is rapidly increasing in the enterprise, with nearly half of businesses already running apps on Kubernetes in production. But Kubernetes alone is not able to meet the complex requirements that today's businesses face," Portworx says. "Unless Kubernetes can be augmented to meet the requirements of mission critical enterprise applications-- data security, data protection, backup and recovery, SLA management, and compliance-- its power to drive digital transformation will be incomplete. Portworx is solving the hard, non-negotiable business requirements for running data services in containers with the aim of enabling complete digital transformation."

PX-Security provides role-based security features extending the Portworx Enterprise platform for new classes of applications with sensitive data. It includes container-granular role-based authentication, authorisation and ownership in addition to encryption, and allows organisations to set controls on a per container data volume basis, integrated with own corporate authorisation and authentication systems.

Meanwhile PX-DR is a first step towards Kubernetes-native disaster recovery. It enables 2

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additional levels of data protection beyond the single-datacentre and multi-availability zone HA currently available. The first is dsaster recovery with zero data loss between datacentres located in a single metropolitan area, such as Azure Germany to AWS Europe Frankfurt. The result is a wide range of datacentres able to serve as a Kubernetes disaster recovery site.

The second is continuous incremental backups, a means to provide an additional level of disaster recovery for geographically dispersed datacentres. Taken together, Portworx Enterprise provides three levels of HA and data protection for mission critical apps within a single datacentre or multi-availability zones, across datacentres or clouds within a metropolitan area and across datacentres spanning the world.

Portworx Enterprise 2.1 is available from 20 April 2019.

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