Q4 Company

Kasten by Veeam's Kanister Accepted by Cloud Native Computing Foundation (CNCF) as Sandbox Project

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New project provides the Kubernetes community at large with application-consistent backup and recovery of database and stateful applications

CHICAGO--(BUSINESS WIRE)-- **Kasten by Veeam** ®, the market leader for Kubernetes backup and disaster recovery, announced today that **Kanister**, an open-source framework that provides application-level data backup and recovery, has been accepted by the Cloud Native Computing Foundation (CNCF) as a sandbox project, indicating that the project adds value to the CNCF mission and encourages public visibility within the community. Kanister, created as an open-source project in 2017, removes the tedious data management details around Kubernetes execution with sharable blueprints that make it easy to add, change or reuse workloads and providers so application-level data protection is consistent across hybrid clouds. The platform fosters freedom of choice and control of stateful workloads to provide users with a customizable experience that ensures data is well-protected.

In 2022, the **Data on Kubernetes Community survey** found 70% of respondents were running stateful applications in production while the **DataDog Container Report** found databases are the majority of stateful workloads. However, stateful workloads require orchestration before and after a CSI VolumeSnapshot to ensure an application-consistent state for backup and recovery – this becomes especially important amidst the rapidly growing ransomware attack threat, **increasing by 12%** in 2023, over the previous year.

Kanister helps solve this by providing "day two" data protection operations by coordinating Kubernetes storage, application services, and off-cluster backups, ensuring data is protected in the event of a breach. Kanister puts Kasten's experts with domain knowledge of specific applications in charge of tedious data management tasks with minimal application changes needed by the end user, adding an additional layer of security for an organization's

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critical data.

"With Kanister, users have the ability to use existing blueprints or author their own with the confidence of knowing it is backed by Kubernetes experts with extensive domain knowledge," said Danny Allan, Chief Technology Officer, Veeam. "This validation by the CNCF will only benefit our users, and we're excited to see the community continue to flourish as a result."

Since its inception, the Kanister community has contributed blueprints for a variety of databases, including AWS RDS, Postgres, MariaDB, and ElasticSearch, to provide data consistency for the growing wave of stateful workloads on Kubernetes.

"It's fantastic to see how much progress the community makes every year in simplifying and scaling stateful operations in Kubernetes, and we are thrilled to donate Kanister to the CNCF to continue this mission," said Thomas Manville, Vice President, Kasten Engineering. "Kanister was one of the early projects in the space and has grown up alongside other community projects such as CSI and database operators. The CNCF is the natural home for Kanister and we are excited to continue supporting the Kanister community in the years to come."

Kasten by Veeam blends commercial and open-source platforms, including Kanister, into an enterprise data protection and management solution. Kasten by Veeam is a Platinum member of the CNCF and will be giving demonstrations of Kanister at **KubeCon + CloudNativeCon North America** from Nov. 6 – 9 at Booth M3.

To learn more about Kanister's role in enterprise data protection, visit the Kanister project web site at **https://Kanister.io**.

Registration is now open for the 10th annual VeeamON event, taking place June 3 – 5, 2024 at the Diplomat Resort in Fort Lauderdale, Florida. Register now for a limited-time 10-year anniversary rate: **https://www.veeam.com/veeamon**.

Supporting Quotes

"EDB Postgres for Kubernetes operator enables organizations to run Postgres on multiple and hybrid clouds. Our Kanister.io blueprint support extends our operator to provide application consistent data backup and recovery. EDB and Kanister.io unify data protection across the database and Kubernetes domain, keeping Postgres running and recoverable." – Josef De Vries, Chief Product Engineering Officer at EDB

"Kanister has allowed us to establish an application-level backup system with a project that is supported by the knowledge and experience within the entire community. Its flexibility, powered by application specific blueprints,

allows us to not only use Kubernetes-native functionality like volume snapshots but to also leverage GCP-specific functionality including "Storage transfers" and "Cloud SQL Backups" to dramatically speed up the process. We rest easier knowing our application-level data is protected and well-managed by a team of Kubernetes experts, and being accepted by the CNCF is just another proof point of Kanister's value to our organization." – Jens Schneider & Sven Schliesing, Cloud engineers at Norddeutscher Rundfunk

About Kasten by Veeam

Kasten by Veeam® is the leader in Kubernetes backup and disaster recovery. Its solution helps enterprises overcome Day 2 data protection challenges to confidently run applications on Kubernetes. Kasten K10, its data protection platform purpose-built for Kubernetes, provides enterprise operations teams an easy-to-use, scalable, and secure system for backup and restore, disaster recovery, and application mobility with unparalleled operational simplicity. With Kasten by Veeam, teams achieve radical resilience against ransomware attacks. For more information, visit **www.kasten.io** or follow **@kastenhq** on X.

About Veeam Software

Veeam®, the #1 global market leader in data protection and ransomware recovery, is on a mission to help every organization not just bounce back from a data outage or loss but bounce forward. With Veeam, organizations achieve radical resilience through data security, data recovery, and data freedom for their hybrid cloud. The Veeam Data Platform delivers a single solution for cloud, virtual, physical, SaaS, and Kubernetes environments that gives IT and security leaders peace of mind that their apps and data are protected and always available. Headquartered in Columbus, Ohio, with offices in more than 30 countries, Veeam protects over 450,000 customers worldwide, including 73% of the Global 2000, who trust Veeam to keep their businesses running. Radical resilience starts with Veeam. Learn more at **www.veeam.com** or follow Veeam on LinkedIn **@veeam-software** and X **@veeam**.

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