

AUTONOMOUS OPERATOR

Run and manage Couchbase autonomously on Kubernetes



Key benefits

- Easily deploy, manage, and monitor Couchbase Data Platform by running natively on any Kubernetes platform
- Deliver hybrid cloud and multi-cloud strategy for easier migration from any cloud vendor
- Run and scale stateful applications autonomously for faster innovation
- Deploy automated operational best practices for greater development and DevOps efficiency

Escape the common struggles of cloud deployments

Businesses continue to adopt flexible microservices as an essential part of their enterprise architectures. That flexibility is greatly reduced when they have to manage and scale database clusters running in their own silos. Feeling stuck in a silo is very common and, due to limited cross-industry standardization, it remains very complicated to switch between cloud providers.

This problem is further amplified when trying to coordinate large number of clusters. Deploying and managing thousands of application and database instances across multiple geographies can greatly increase cost, effort, and complexity.



Leveraging cloud portability across platforms and providers

The Couchbase Autonomous Operator for Kubernetes enables cloud portability and automates operational best practices for deploying and managing the Couchbase Data Platform. To optimize integration, we maintain strategic partnerships with enterprise Kubernetes providers. As a result, we are the only NoSQL vendor to offer native integration of Kubernetes with the Couchbase Data Platform.

Key features:

- Native integration with Kubernetes Operator which provides a data platform with rich query support, mobile, analytics, and full-text search functionality out of the box.
- Easily deploy Couchbase within a managed private cloud or public cloud, which offers maximum flexibility, customizability, and performance.
- Strategic partnership with Enterprise Kubernetes providers including Red Hat OpenShift Container Platform.

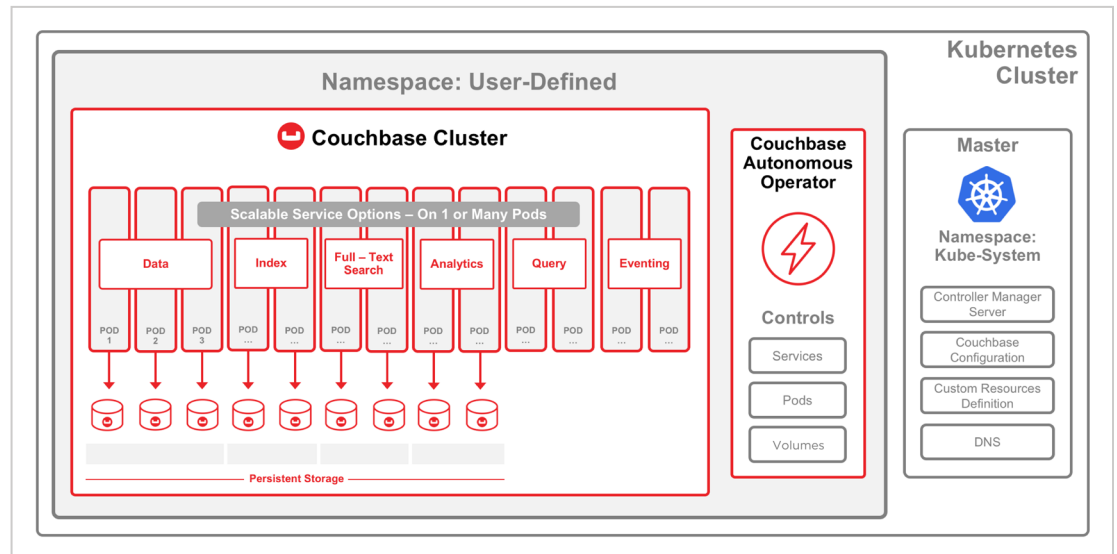


Figure 1: The Couchbase Autonomous Operator provides native integration with Kubernetes and streamlines the deployment of the Couchbase Data Platform in both public and private clouds.

Cloud-native and cloud-agnostic Couchbase Data Platform

Unmatched agility and flexibility

Reduce DevOps workload by running the Couchbase Data Platform as an autonomous, fully managed stateful database application next to your microservices applications on the same Kubernetes platform.

Unparalleled performance at any scale

Provide a cloud-agnostic application deployment and management platform that treats cloud providers like commodities and enables enterprise customers to migrate between clouds freely.

Easiest platform to manage

Couchbase Autonomous Operator for Kubernetes reduces operational complexity up to 95% by implementing the operational best practices that most efficiently deploy and manage the Couchbase Data Platform.

Learn more

To learn more, contact your Couchbase sales representative today or visit: couchbase.com/products/cloud/kubernetes | couchbase.com/products/cloud

About Couchbase

Unlike other NoSQL databases, Couchbase provides an enterprise-class, multicloud to edge database that offers the robust capabilities required for business-critical applications on a highly scalable and available platform. Couchbase is built on open standards, combining the best of NoSQL with the power and familiarity of SQL, to simplify the transition from mainframe and relational databases.

Couchbase has become pervasive in our everyday lives; our customers include industry leaders Amadeus, American Express, Carrefour, Cisco, Comcast/Sky, Disney, eBay, LinkedIn, Marriott, Tesco, Tommy Hilfiger, United, Verizon, as well as hundreds of other household names. For more information, visit www.couchbase.com.

