

AUTONOMOUS OPERATOR

Run and manage Couchbase autonomously on Red Hat OpenShift



Key benefits

- Easily deploy, manage, and monitor Couchbase NoSQL database by running natively on the Red Hat OpenShift Container Platform
- Enable agile development and run business critical apps on hybrid and multi-cloud platforms, with no vendor lock-in
- Secure, deploy, scale and maintain your business critical applications 'autonomously', with no down-time
- 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 Red Hat OpenShift enables cloud portability and automates operational best practices for deploying and managing the Couchbase NoSQL database. Couchbase was the first NoSQL vendor to have a generally available and Red Hat-certified operator for OpenShift. Couchbase continues to lead the industry with the most mature NoSQL operator that is used by customers in production environments.

Key features:

- NoSQL database with rich query support, mobile, analytics, full-text search and native integration with Kubernetes Operator
- Easily deploy Couchbase within a managed private cloud or public cloud, which offers maximum flexibility, customizability, and performance.
- Automated Couchbase version upgrades.
- Strategic partnership with Enterprise Kubernetes provider Red Hat OpenShift Container Platform.



Technology Partner

OpenShift Certified
Operator

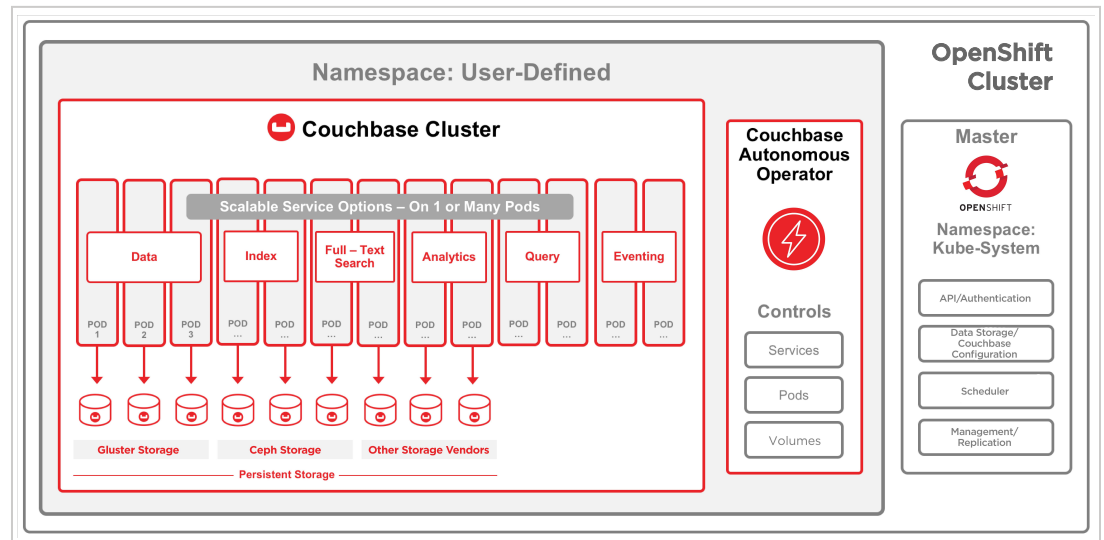


Figure 1: The Couchbase Autonomous Operator provides native integration with Kubernetes and streamlines the deployment of Couchbase in both public and private clouds.

Cloud-native and cloud-agnostic

Unmatched agility and flexibility

Reduce DevOps workload by running the Couchbase as an autonomous, fully managed stateful database application next to your microservices applications on the same Red Hat OpenShift Container 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 Red Hat OpenShift reduces operational complexity up to 95% by implementing the operational best practices that most efficiently deploy and manage Couchbase.

Learn more

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



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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.

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