



DBaaS FOR RED HAT OPENSIFT

Kubernetes-native DBaaS Anywhere with Any Storage

Red Hat Software Partner



Red Hat and KubeDB Strategic Partnership

Delivering Joint Solutions for Red Hat OpenShift Environments:

An all-in-one reliable DBaaS platform for enterprise environments solving database deployment at scale:

- ▶ Multi-cluster
- ▶ Multi-tenancy
- ▶ Public / Private Cloud

Maximize operational efficiency and security with:

- ▶ Consistent operations
- ▶ Automation
- ▶ Data Protection



Technology Partner

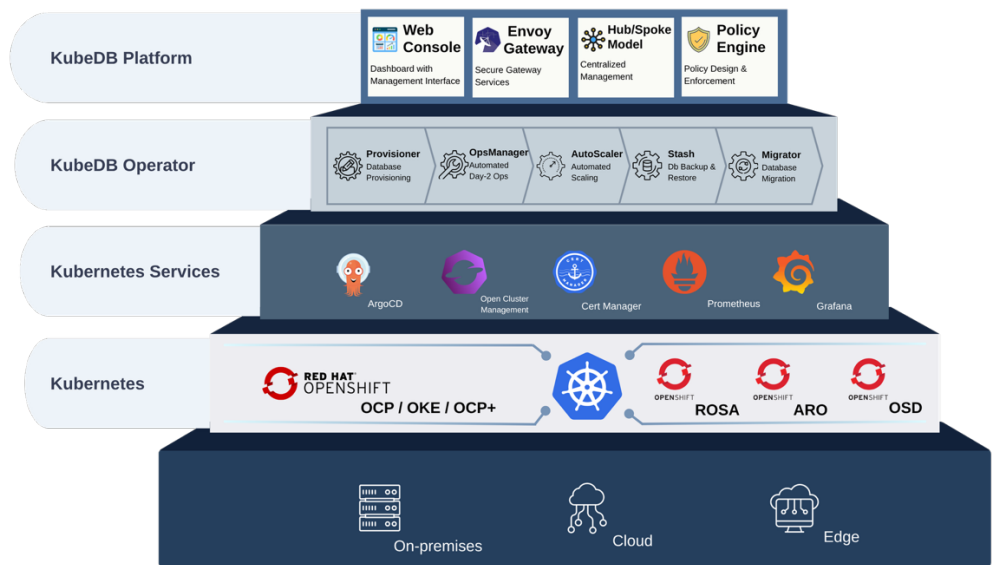


Certified Technology

Multi-Tenant DBaaS for Red Hat OpenShift

Enterprises running modern applications on Red Hat OpenShift struggle to deliver databases quickly. They must maintain security, governance, and operational control, but are often forced to choose between restrictive cloud-managed services or complex manual Kubernetes operations.

KubeDB delivers a cloud-native Database-as-a-Service (DBaaS) platform directly on Red Hat OpenShift, enabling platform teams to standardize and govern production-ready databases across hybrid and air-gapped environments while giving developers self-service access through Kubernetes-native workflows.



Capabilities Overview

Lower operational overhead

- ▶ KubeDB standardizes database provisioning, upgrades, scaling, and recovery through declarative workflows, eliminating custom automation and one-off database clusters while reducing operational risk and manual error.

DBaaS without cloud lock-in

- ▶ KubeDB enables organizations to deliver DBaaS consistently across on-premises, public cloud, sovereign, and air-gapped environments—without dependency on hyperscaler-managed services.

Predictable cost and storage flexibility

- ▶ KubeDB works with existing enterprise storage platforms and Kubernetes storage classes, allowing organizations to optimize for performance, resilience, and cost while maintaining full data ownership.

Built-in governance and multi-tenancy

- ▶ Platform teams can enforce security, access controls, resource limits, and lifecycle policies, enabling secure multi-tenant DBaaS at scale.



Accelerated developer productivity

- ▶ Developers gain self-service access to production-ready databases through Kubernetes-native interfaces, removing ticket-based provisioning and shortening application delivery cycles.

Capabilities Overview

Native Red Hat OpenShift integration

- ▶ KubeDB is designed as a first-class Red Hat OpenShift platform service, using Kubernetes APIs and declarative configuration to manage databases as governed, reusable services rather than standalone infrastructure.

Automated database lifecycle management

- ▶ The platform automates provisioning, upgrades, scaling, and failover through policy-driven workflows, ensuring consistency across clusters and environments.

Multi-database platform support

- ▶ KubeDB supports any databases (SQL/NoSQL), caches and message brokers, enabling platform teams to standardize operations across multiple database engines using a single DBaaS control plane.

Integrated data protection and availability

- ▶ Built-in backup, restore, and high-availability mechanisms align with Red Hat OpenShift operational models, reducing reliance on external, database-specific tooling.

Centralized governance

- ▶ KubeDB supports distributed Red Hat OpenShift environments across clouds and data centers, allowing centralized governance with local execution wherever applications run.

KubeDB is the all-in-one solution for Red Hat OpenShift environments, delivering reliable, self-service, production-grade database management while maximizing operational efficiency and security.



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About Red Hat

Red Hat is the world’s leading provider of enterprise open source software solutions, using a community-powered approach to deliver reliable and high-performing Linux, hybrid cloud, container, and Kubernetes technologies. Red Hat helps customers develop cloud-native applications, integrate existing and new IT applications, and automate and manage complex environments. A trusted adviser to the Fortune 500, Red Hat provides award-winning support, training, and consulting services that bring the benefits of open innovation to any industry. Red Hat is a connective hub in a global network of enterprises, partners, and communities, helping organizations grow, transform, and prepare for the digital future.

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1 888 REDHAT1 www.redhat.com	Africa 00800 7334 2835 europe@redhat.com	+65 6490 4200 apac@redhat.com	+54 11 4329 7300 info-latam@redhat.com