

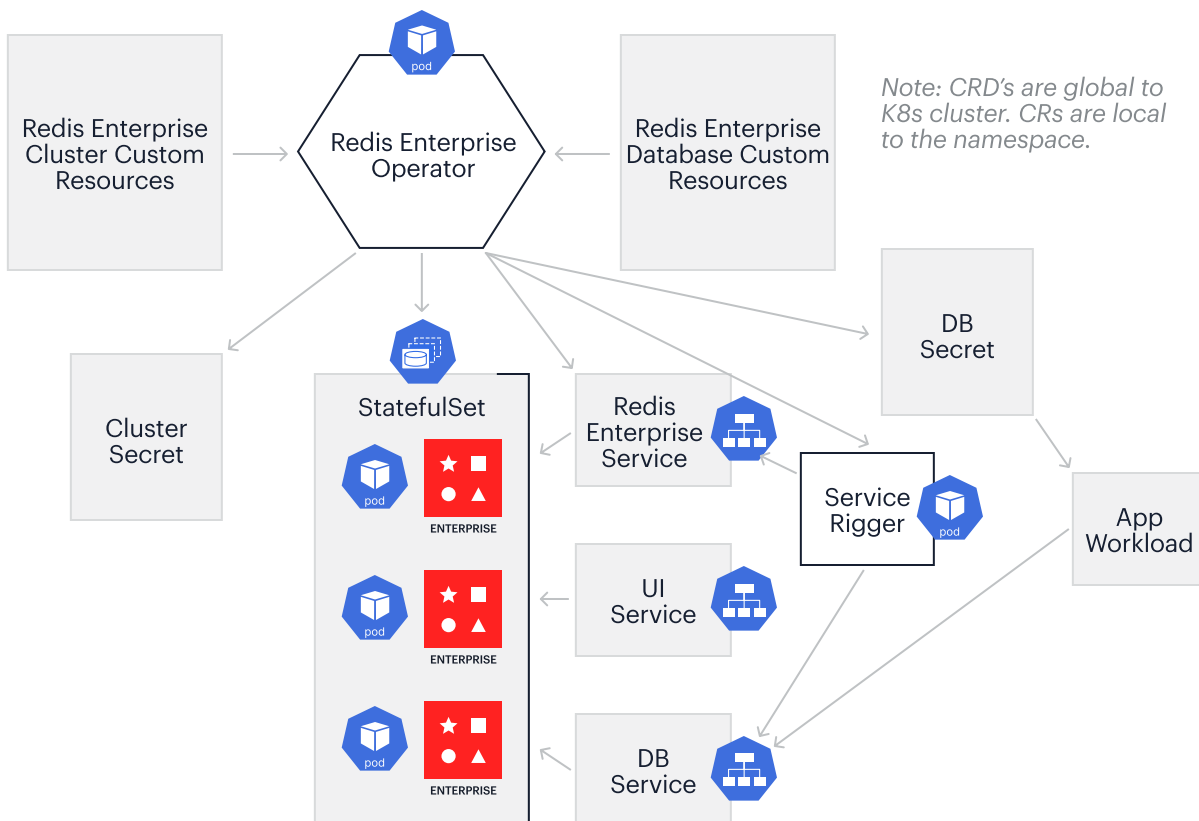
# Redis Enterprise on Red Hat OpenShift

## A powerful data platform for real-time applications on Red Hat OpenShift

Kubernetes is a container orchestration platform that helps organizations embrace containers and microservices-based architectures. It makes it easier to manage deployment and performance at scale.

Redis Enterprise works splendidly with Red Hat® OpenShift®. They work together to create a flexible real-time data platform. The data layer runs as a stateful service, providing data retention even after a container is shut down or migrated, enhancing operational readiness, and accelerating application development.

Use Redis Enterprise Operator for Kubernetes to control the provisioning, scaling, and availability of the Redis Enterprise database and to manage the containers' lifecycle in any OpenShift deployment. The Redis Enterprise Operator delivers automated cluster operations, relieving organizations from complex infrastructure administration, thereby providing great flexibility to adopt agile practices.



# Why Redis Enterprise for Red Hat OpenShift?

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With Redis Enterprise on Kubernetes for Red Hat OpenShift, organizations can bring the power of real-time data processing to any application and benefit from simplified management and scalability. Some of the benefits customers realize include:

- **Wow-it's-fast performance:** Deliver responsive applications with impressive linear scalability and high availability, maintaining sub-millisecond response times.
- **Speed the application development process:** Unburden developers from complex infrastructure. Provide them with maximum flexibility for continuous application delivery.
- **Simplified operations with automated lifecycle management and layered orchestration:** Automate database provisioning, management, and maintenance with built-in support for Kubernetes and Operators on OpenShift for predictable deployment and performance.
- **Maximize uptime:** Perform rolling upgrades with zero downtime. Apply updates across the entire cluster by incrementally updating pod instances, providing up to 99.999% uptime with sub-millisecond response time.

## Get started today

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- Contact the [Redis Partner Team](#) to learn more.
- Learn more about:
  - [Redis Enterprise for Kubernetes architecture](#)
  - [Redis Enterprise Operator for Kubernetes](#)
  - [Redis Enterprise for Kubernetes Deployment](#)