PERCONA

A Cost-Effective Alternative to Public DBaaS

Reduce operational expenses without compromising on the quality and reliability of database services with Percona cloud native

Percona's cloud-native solutions provide a scalable and cost-effective alternative to public Database as a Service (DBaaS). Reduce infrastructure costs by up to 50% while maintaining full control and avoiding vendor lock-in.

Key benefits:

Lower costs: Save up to 50% compared to public DBaaS with predictable, transparent pricing.

Infrastructure control: Retain full ownership of your database environment without vendor restrictions.

Improved efficiency: Optimize database performance and reduce overhead with database automation and open source tools.

Scalable operations: Seamlessly adapt to changing business requirements.

Integrated solutions: Easily manage databases alongside existing Kubernetes infrastructure.

Problems we solve:

- Rising and unpredictable DBaaS costs as database usage increases.

- Struggling to save costs without losing performance.

- Lack of control and customization in standardized DBaaS environments.

- Internal teams overwhelmed by managing databases beyond their capabilities.

	Build solution	DB-as-a-Service	Buy Solution	PERCONA Everest
Cost	Headcount, opportunity and time	High overhead at scale	Cost of product, often high	**None**
Time to market	(Very) slow	Now-ish	Now-ish	**Now-ish**
Internal resources	Headcount and skills	Almost none	Significantly less - just adopt	**Significantly less - just adopt**
Control & compatibility	Total control	Limitations	Limitations	**Total control**
Maintenance & Support	On you	Done by vendor	Done by vendor	**Community and by vendor**
Competitive advantage	Not your core business	Focus on your core business	Focus on your core business	**Focus on your core business**
Vendor lock-in	Non-existent	Real (specific platform)	Real (and painful)	**Non-existent**
Business continuity	Succession planning for silos of knowledge	Easy to achieve	Vendor-dependent	**Easy to achieve**

Solutions overview

PERCONA Everest

Simplify and centralize database management with Percona Everest, a unified platform for Kubernetes environments.

- **Multi-database support:** Manage MySQL, PostgreSQL, and MongoDB from a single interface.
- **User-friendly provisioning:** Streamline operations with a simple, intuitive UI.
- **Role-based access control:** Secure and scale database management for large teams.
- **Multi-cloud compatibility:** Operate seamlessly across EKS, GKE, AKS, and on-premises environments.

PERCONA Kubernetes Operators

Automate the full lifecycle of databases on Kubernetes with Percona Kubernetes Operators.

- **End-to-end automation:** Handle deployment, scaling, backups, and updates effortlessly.
- **Multi-database support:** Purpose-built operators for MySQL, PostgreSQL, and MongoDB.

PERCONA

Access 24x7 expert support to ensure your database environment operates smoothly and efficiently.

- **Proactive troubleshooting:** Prevent downtime and resolve issues quickly.
- **Tailored consulting:** Get customized solutions for architecture design, performance tuning, and best practices.
- **Assistance and guidance:** Get help with the transition to a private database as a service solution and significantly reduce costs compared to public DBaaS.

Outcomes and impact

Access 24x7 expert support to ensure your database environment operates smoothly and efficiently.

- **Reduced costs:** Cut infrastructure expenses by up to 50%.
- **Streamlined operations:** Minimize manual tasks with automation and intuitive management tools.
- **Enterprise reliability:** Achieve high availability and consistent performance across multi-cloud environments

Cloud and region	DBaaS	K8s (pay-as-you-go)	K8s (reserved instances 3y)
3-node RS (2vCPU, 8GB RAM, 40GB storage)			
AWS us-east1	$4,730	$2,666	$1,204
Azure centralus	$5,256	$2,450	$1,049
GCP us-east1	$3,854	$2,796	$1,393
4x3-node RS (64vCPU, 256GB RAM, 2TB storage each)			
AWS us-east1	$555,822	$355,086	$159,674
Azure centralus	$626,515	$366,672	$162,575
GCP us-east1	$525,755	$379,376	$198,303

Why choose Percona?

- **Battle-proven reliability:** Enterprise-grade solutions trusted by businesses worldwide.
- **Cost-effective flexibility:** Save money while retaining full control of your databases.
- **Open source foundation:** Enjoy freedom from vendor lock-in with adaptable, transparent solutions.

> **In designing our DBaaS service for customers**, we knew that companies would want the benefits of technologies like Kubernetes and cloud-native services but they want to avoid the costly and extremely challenging aspects of running this themselves.
>
> With **Percona Everest**, we have built a **fully managed**, flexible database service for our customers and we can provide this without the levels of lock-in and expense that other cloud providers have. Our customers want **the best levels of service** and **availability** around their data, and that is what we can provide with this launch.
>
> Handoyo Sutanto, CEO and Co-Founder of Lyrid.

Get started with Percona

Discover how Percona's open source solutions can reduce costs, improve efficiency, and streamline your database management on Kubernetes.

Contact Us