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Modernize Your Legacy Database Infrastructure with Percona

Seamlessly transition to cloud-native databases

Percona simplifies the modernization of outdated database systems with expert guidance and open source solutions. From planning and risk assessment to execution and management, Percona ensures a smooth transition to an agile, scalable infrastructure tailored to your needs.

Problems that Percona Cloud native help to solve:

Slow database provisioning

Legacy database systems lack modern automation, causing delays in setting up and scaling databases, which hinders agile development and rapid deployment.

Inconsistent and unscalable performance

Older databases struggle to handle dynamic workloads and hit scaling limits, leading to bottlenecks, unreliable performance, and operational inefficiencies.

Disruptive maintenance and upgrades

Traditional databases require lengthy and disruptive processes for upgrades and maintenance, causing frequent downtime that impacts business continuity.

High costs and resource requirements

Legacy database infrastructure demands significant upfront investment and ongoing costs, including specialized expertise, hardware, and licensing fees.

Innovation bottlenecks

Managing and maintaining monolithic systems diverts resources and time away from innovation, slowing down development cycles and limiting the ability to deliver new products or services rapidly.

Key benefits

Smooth transition

Simplify migration with Percona's proven methodology and expert services.

Scalable cloud-native Infrastructure

Modernize databases to leverage advanced, scalable Kubernetes-based solutions.

Multi-database expertise

Migrate seamlessly across MySQL, PostgreSQL, and MongoDB environments.

Cost efficiency

Avoid high costs with open source software and predictable pricing.

Flexibility without lock-in

Maintain complete control of your infrastructure without vendor restrictions.

Solutions overview

Software: Percona Cloud Native software is designed to enhance database performance in Kubernetes, making it easier to migrate legacy databases to cloud environments. These tools also integrate smoothly with modern DevOps practices, helping businesses modernize their operations and improve agility.

PERCONA Everest

Centralize and simplify database management with a unified platform for Kubernetes environments.

- **Standardization across multi-cloud and multi-cluster:** Achieve consistent configurations and deployments.
- **Role-based access control:** Securely manage large teams and ensure operational compliance.
- **Multi-database support:** Seamlessly manage MySQL, PostgreSQL, and MongoDB.
- **Multi-cloud compatibility:** EKS, GKE, AKS, and on-prem environments supported.

PERCONA Kubernetes Operators

Automate the lifecycle of databases on Kubernetes for consistent and efficient management.

- **End-to-end automation:** Deployment, scaling, backups, and upgrades made simple.
- **Support for multiple databases:** Manage MySQL, PostgreSQL, and MongoDB reliably.

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Percona Services: 24x7 expert support to maintain and optimize your database environment.

- Percona provides detailed migration planning and execution services. These include assessing the current database architecture, determining the best migration approach, and executing the actual migration to Kubernetes.
- Percona helps modernize the database architecture to fully take advantage of cloud-native technologies. This involves re-architecting database schemas, optimizing queries, or implementing new data management practices suited to cloud-native technologies.
- Once databases are migrated and modernized, Percona offers services to integrate them with other cloud-native applications and services. This includes setting up interfaces for data interaction and ensuring seamless connectivity between databases and other components of the IT infrastructure.
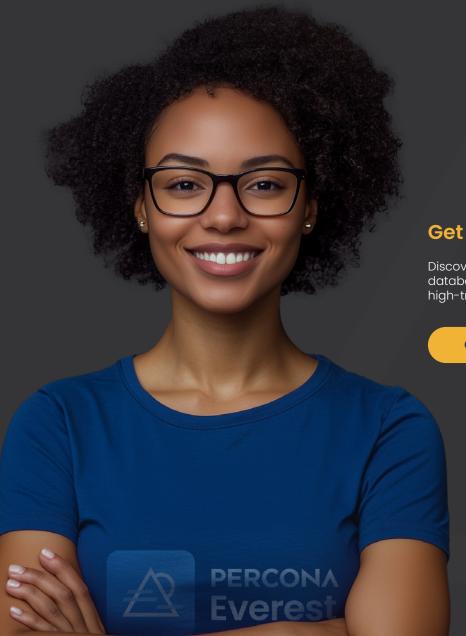
Outcomes and impact

- **Efficient modernization:** Transition from legacy systems to modern cloud-native databases with minimal disruption.
- **Optimized operations:** Ensure high availability and enhanced performance during and after migration.
- **Scalability at scale:** Build an architecture that scales effortlessly to meet your business demands.

Why choose Percona?

- **Proven reliability:** Trusted solutions for managing databases on Kubernetes at scale.

- **Cost-effective:** Lower operational costs compared to public DBaaS offerings.

- **Flexibility without lock-in:** Open source solutions allow you to maintain full control over your infrastructure.

Get started with Percona

Discover how Percona's cloud-native solutions for databases on Kubernetes can help you manage high-traffic workloads efficiently.

Contact Us

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