Custom-scoped database design and performance consulting

Benefits

- Optimize your database for peak performance
- Quickly troubleshoot and diagnose issues
- Boost system reliability and scalability
- Ensure continuous application availability
- Effortlessly update or migrate software

The Percona Consulting Team offers tailored assistance for designing, implementing, and maintaining high-performance MySQL, PostgreSQL, MongoDB, Cloud-Native, and Valkey environments.

Our team will work to understand your goals and objectives and provide the best, unbiased solutions for your organization. Percona Consulting includes:

- Comprehensive needs assessment and scope-of-work documentation
- Project planning, execution, and management
- On-site and remote engagement options
- Collaborative approach with regular updates and final results presentation

Your biggest database challenges, solved

You can rely on Percona Consulting to tackle any challenge, but our customers often choose us for the following one-time engagements. Please note that the following descriptions provide a representative sample of consultative work and are not exhaustive.

Architecture and design

- Review current and planned database architecture
- Analyze database load, data access patterns, and retention plans
- Assess scalability, high availability, and backup strategies
- Validate infrastructure efficiency for DBaaS environments
- Identify potential future scalability bottlenecks
- Deliver a report with findings and recommendations

Health and security assessments; Performance tuning and analysis

- Review current and planned database architecture
- Analyze database load, data access patterns, and retention plans
- Assess scalability, high availability, and backup strategies
- Validate infrastructure efficiency for DBaaS environments
- Identify potential future scalability bottlenecks
- Deliver a report with findings and recommendations

Database migration and upgrades

- Plan and execute database migrations or upgrades
- Ensure compatibility and minimize downtime
- Set up and test migration environments
- Perform performance tuning post-migration
- Document migration process and rollback plans
- Provide post-migration support and health checks

Redis to Valkey Health Assessment and migration assistance

- Evaluate Redis environment for migration feasibility
- Plan and execute migration from Redis to Valkey
- Optimize Valkey configuration for workload needs
- Perform health checks before and after migration
- Provide documentation and best practices

Proof of concept setup and configuration

- Set up a non-production testing environment
- Validate infrastructure components
- Assist with load and functional testing (if included)
- Define success criteria and document results
- Provide a final report with recommendations

Percona Monitoring and Management (PMM) setup and configuration

- Install, setup, and configuration
- Proper setup for monitoring and query analytics
- Knowledge transfer:
- Dashboards for MySQL, MariaDB, PostgreSQL, MongoDB
- Query analytics
  - Alerting
  - Troubleshooting
  - Advisors
  - Administrative tasks such as upgrades, etc.

General consulting (Percona Support add-on)

- Flexible consulting hours for database expertise
- Assist with performance tuning, security, and best practices
- Provide architectural guidance and troubleshooting
- Review and optimize database configurations
- Deliver recommendations based on industry best practices

Training

- Set up a non-production testing environment
- Validate infrastructure components
- Assist with load and functional testing (if included)
- Define success criteria and document results
- Provide a final report with recommendations

Discuss your needs with our team

Or contact us directly at +1-888-316-9775 (USA), +44 203 608 6727 (Europe), or via email at **sales@percona.com**.