



FUJITSU Enterprise Postgres Optimization Services

Maximize your data performance



shaping tomorrow with you

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With access to some of the world's top PostgreSQL talent, we're able to help optimize your database instances with our FUJITSU Enterprise Postgres Health Check and Operations Review.

FUJITSU Enterprise Postgres is based on PostgreSQL, one of the world's most advanced feature-rich open source database management systems (OSDBMS).

FUJITSU Enterprise Postgres databases have a distinguished reputation worldwide for reliability, data integrity, and cost-effectiveness. Deploying this platform is an excellent choice. Now as your organization evolves, and service expectations grow, you need to be sure your systems are capable of delivering against the growing demands of the business as it transforms digitally.

Optimize your FUJITSU Enterprise Postgres performance

With the rapid growth of data, performance testing your database is critical. This is particularly true as your data-driven services evolve from their initial setup and become more reliant on more components. You need to be sure you can deliver on load levels, reliability, responsiveness, security, and more.

You also need to be confident your management environment is operating at peak readiness. That requires regular testing and refinement of processes against industry best practices to manage risk, audit, monitoring, and backup.

The team of PostgreSQL experts at Fujitsu can help. Our proven Health Check and Operations Review assist database administrators (DBAs) to identify any potential issues, and make recommendations as to the changes required to optimize both systems and processes.

Fujitsu is an active member of the PostgreSQL community

- Fujitsu has supported the PostgreSQL user and development community for over 16 years with extensive experience in the financial, telecommunications, retail and public sectors.
- We have PostgreSQL developers in Australia who contribute directly to each release including areas relating to performance improvement.
- Our approach to optimization is to review the technical and operational processes relating to your database.
- Fujitsu has a long and rich heritage in the development, deployment, and optimization of PostgreSQL.
- Our team works with a highly refined service delivery model developed over decades of experience with large platform providers, plus commercial and government organizations around the world.



Review your database and your processes

Optimize your data infrastructure and systems

FUJITSU Enterprise Postgres Health Check

A Fujitsu Health Check is the reliable way to ensure your FUJITSU Enterprise Postgres database is running at optimum efficiency. You'll know your FUJITSU Enterprise Postgres system is delivering the load capacity, speed, security, and reliability required for your evolving business requirements. The Fujitsu Health Check includes:

- System diagnostics to identify potential issues such as memory overflows, CPU and I/O bottlenecks, plus network traffic and connection issues.
- Evaluation of the operating system configuration including I/O scheduling, memory and buffer/cache, security, and network tuning.
- Analysis of your FUJITSU Enterprise Postgres setup including postgresql.conf evaluation and tuning, feasibility to upgrade to the latest version, audit of database memory use, and suitability of the existing hardware configuration.
- Storage infrastructure review to determine whether storage configuration upgrades would enhance performance.

HEALTH CHECK	
SYSTEM DIAGNOSTICS Network Traffic/Connection CPU and I/O Bottlenecks Memory Overflow	OPERATING SYSTEM CONFIGURATION Network Traffic/Connection CPU and I/O Bottlenecks Memory Overflow
POSTGRES SETUP ANALYSIS Memory Audit Feasibility Evaluation Database Tuning	STORAGE INFRASTRUCTURE Performance Check RAID / SAN Upgrades Storage Configuration

FUJITSU Enterprise Postgres Operations Review

The Operations Review tests and analyses your current FUJITSU Enterprise Postgres instances against best practice, and provides a practical action plan designed to improve efficiency and streamline operations across:

- Audit
- Monitoring
- Backup
- Streamlining
- Skills utilization
- Risk management

OPERATIONS REVIEW		
Evaluation	Review	Result
Examine current procedures and processes of DB instances to identify best practices	Analysis of performance bottlenecks, review of schemas, advice on backups and suitability	Action plan to develop and implement improvement process to streamline operation

Be prepared

Our Health Check and Operations Review services make you aware of issues so you can take pre-emptive action to potentially escape costly outages, performance reduction, and even data loss at a later date.

Operate using best practices

Your database and systems will be benchmarked against best-practice guidelines as defined by the global PostgreSQL community to guide you towards and all-round optimized performance.

Leverage our data experts

Data drives business and Fujitsu has long been in the business of driving data. Leverage this experience to get the most from your FUJITSU Enterprise Postgres database infrastructure and systems.

Stay confident of your performance

We recommend this review be conducted annually to ensure changing circumstances do not compromise your data. Consider immediate action if your system is suffering outages, roll-backs, or reduced speed.

Combine with our support services

Maintain optimized performance with our 24/7 support services that include 15-minute response times for severity 1 cases.

Contact Us

Please contact us to discuss your FUJITSU Enterprise Postgres Health Check and Operations Review with one of our consultants.

Email enterprisepostgresql@fujitsu.com

Visit fast.fujitsu.com/devops-process-fep

Contact

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