

EDB is in the Leader's quadrant of the Gartner Magic Quadrant for Operational Database Management Systems for 2014 and 2015. Optimize your open source strategy today!

Feature Highlights

Resource Management:

Efficiently assign system resources by workload priority

Partitioning:

75–450x faster than PostgreSQL performance

Profiles for Passwords:

Define user account and password policies

EDB Loader:

2 times faster than PostgreSQL COPY

Function Packages:

200+ predefined reusable time-saving utility functions

Performance Diagnostics:

Low-level system and session wait events find bottlenecks

Fine Grained Auditing:

Log middle-tier and client app data in database logs

DBMS_PROFILER:

Stored procedure performance information collection/reports

Object Types:

User defined complex types mimic real-world objects for OO development

EDB Postgres Advanced Server Does More While You Pay Less

Based on open source Postgres, EDB Postgres Advanced Server is the object-relational database management system (DBMS) with a modern feature set that allows organizations to successfully run a large percentage of their applications on a small percentage of their database budget. Our customers know that a majority of their database deployments don't warrant the high prices paid to traditional database vendors when EDB Postgres Advanced

Server easily handles their applications and integrates seamlessly into their existing environments. How many savings sweet spots do you have?

- » Existing and new enterprise applications
- » Transaction-intensive applications
- » Reporting and archive applications
- » Embedded or departmental computing
- » Operational data stores
- » Analytic workloads

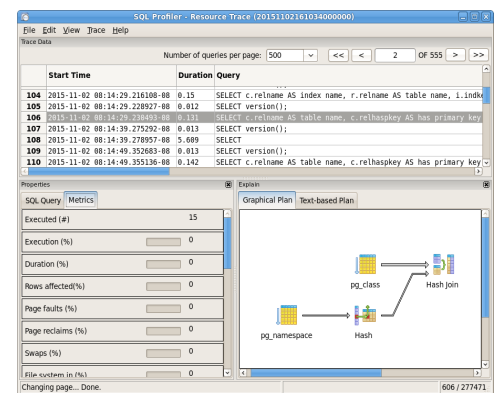
The Heart of the EDB Postgres Platform

EDB Postgres Advanced Server is at the heart of transforming your core IT DBMS to drive application innovation. When combined with EDB's mission critical tools along with the expertise of EDB's engineers and Postgres community staff, EDB Postgres Advanced Server is the engine that puts

your cost savings in the fast lane. Based on open source and built for the enterprise, the EDB Postgres Platform allows you to replace most of your expensive legacy databases and redirect the savings to new applications of customer engagement.

The Smart Choice for Today's RDBMS and NoSQL Developers

Binary JSON and Key-Value stores tackle today's modern applications while integrating them into ACID compliant ANSI Standard databases. You'll be productive immediately, with features like analytic functions and hierarchical queries. Write stored procedures in Java, Oracle's PL/SQL, Python, C, and C++. A visual debugger, function packages, user defined objects, and more make for fast and flexible development.



Are you still paying Oracle® for features you don't need or use?

EDB Postgres Advanced Server's compatibility for Oracle covers the most popular database features, allowing your staff to continue leveraging their Oracle knowledge and skills while saving money to put into new projects. By capping new Oracle license purchases and re-purposing

existing Oracle licenses, EDB Postgres Advanced Server frees you from vendor lock-in without sacrificing capabilities or incurring productivity killing re-training programs. You can keep Oracle where you must, but at the same time smoothly integrate a low cost alternative.

Database Compatibility for Oracle

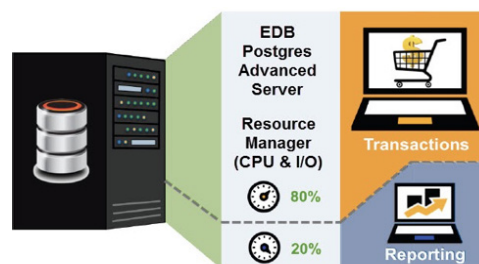
- » PL/SQL compatibility
- » SQL extensions/syntax support
- » OCI application support
- » Pro*C support with ECPGPlus
- » Query Optimizer Hints
- » Virtual Private Database
- » Database Links
- » Data Types & Object Types
- » Compatible functions & variables
- » DUAL, decode(), ROWNUM, SYSDATE, SYSTIMESTAMP, RAWTOHEX, HEXTORAW
- » 22 predefined built-in packages with over 208 functions

Resource Management Optimizes Access to System Resources

A common problem for DBAs is a regular job that consumes system resources and negatively affects higher priority processes important to the business. For example, a daily bulk data load may slow down critical online transactions. Running resource hungry jobs during low use periods (e.g., overnight) is sometimes a solution, but not always efficient, timely or practical for your business.

The Resource Manager in EDB Postgres Advanced Server allows DBAs to place governors on selected workloads and assign priorities to their access to

system resources, such as CPU and I/O. This prevents any single process from consuming resources and negatively affecting other more important processes. DBAs can run and control jobs when needed without having to schedule to less than optimal times.



Mission Critical Tools with EDB Postgres Enterprise Subscription

EDB Postgres Enterprise subscription includes a tool package that simplifies the management of your large-scale Postgres installations.

- » **EDB Postgres Enterprise Manager** - Monitors, alerts, and tunes Postgres environments from a graphical console.
- » **EDB Postgres Failover Manager** - Creates highly-available, fault-tolerant database clusters, keeping data available and online.
- » **EDB Postgres Backup and Recovery** - Performs hot backups across local and remote databases to a centralized catalog with point-in-time recovery capabilities.
- » **EDB Postgres xDB Single Master and Multi-Master Replication Server** - Provides multiple data solutions with single or multi-master clusters.
- » **Migration Tools** - Find high ROI candidate applications and reduce application re-writes.

Secure Peace of Mind

IT managers can rest assured that EDB Postgres Advanced Server delivers security on par with any modern database through ANSI SQL GRANT and REVOKE; external authentication support for LDAP,

PAM, or Kerberos; Group/Role support; granular object permissions; built-in security auditing; Virtual Private Database; protection against SQL injection attacks with SQL/Protect; and profiles for passwords.

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