EDB POSTGRES ENTERPRISE MANAGER

*Dashboard of resources used by database

OFFER POSTGRES TO EVERY DEVELOPER & DEVOPS TEAM

Postgres continues to prove itself as the best general-purpose database because it is applicable for a multitude of workloads. With Postgres adoption growing within your organization, it makes practical sense to enable every development/DevOps team with their own Postgres instance.

However, monitoring, tuning and managing numerous Postgres clusters can quickly become overwhelming. Enterprises need one singular solution to scale Postgres deployments easily without creating an administrative burden.

Manage Postgres at scale across your organization

The answer is EDB Postgres Enterprise Manager (PEM) - the only Postgres management tool to combine monitoring, alerting and tuning of multiple open source PostgreSQL and/or EDB Postgres Advanced Server clusters, whether on-premise or in the cloud into a single GUI. These management and monitoring capabilities are critical for enterprises adhering to stringent SLAs and performance requirements.

Gain visibility to multiple Postgres deployments

EDB Postgres Enterprise Manager collects performance and status data from databases, the operating system, and jobs on the database host using agents. Data is stored and aggregated, with key metrics displayed in at-a-glance dashboards. Alerts can be relayed via built-in or custom charts and dashboards, email, or SNMP notifications, and can be integrated with other monitoring tools. The tool allows DBAs and developers to work directly with databases to execute DDL and DML commands, tune queries, manage indexes, run backups, replace the master, and deploy software updates.
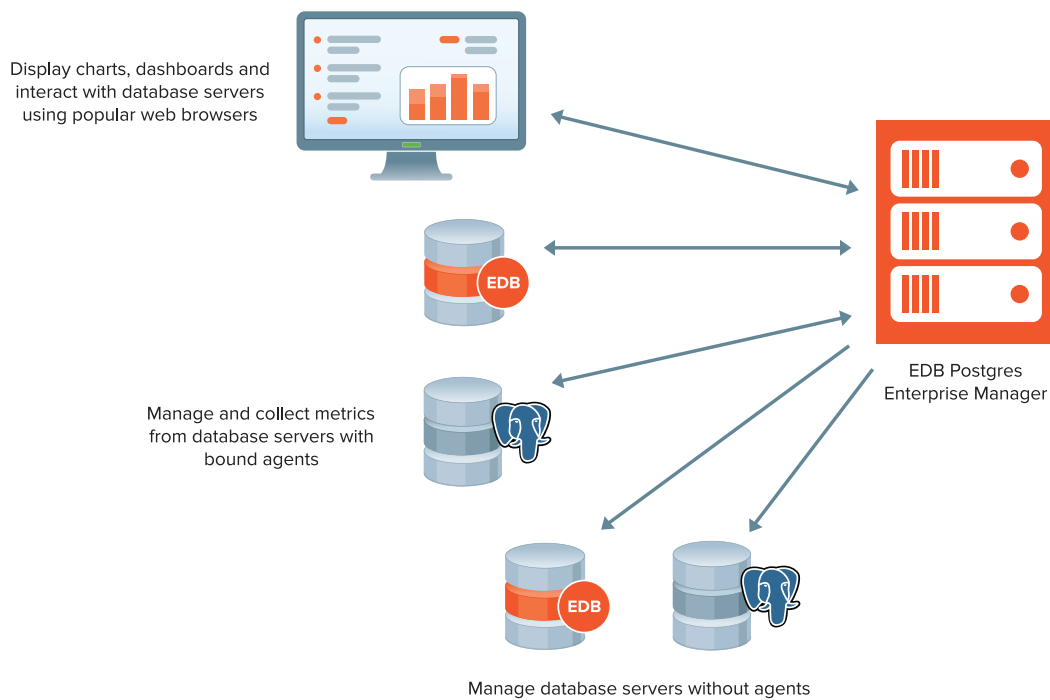
Improve performance

EBB Postgres Enterprise Manager is a component of the EDB Postgres Platform, which includes database server options and tools for high availability, disaster recovery, migration, integration and 24x7 expert support. The EDB Postgres Platform reduces the administrative burden on database administrators and enables developers to get new features to market faster.

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Display charts, dashboards and interact with database servers using popular web browsers

Manage and collect metrics from database servers with bound agents

EDB Postgres Enterprise Manager

Manage database servers without agents

Features	Benefits
• Manage multiple open source PostgreSQL and EDB Postgres Advanced Server clusters, on-premise or in the cloud - with or without an agent.	• Scale easily to offer Postgres to every developer/DevOps team.
• Predefined and custom alerts on bloat, memory utilization, agents/servers down, connections, etc.	• Proactively monitor databases and be notified when your thresholds are crossed by receiving emails or SNMP notifications.
• Easy to use GUI to test/run ad hoc queries, commit and roll back. • EDB Postgres Failover Manager & EDB Backup and Restore tool integration. • Create or modify a streaming replication scenario.	• Enable non-experts to be productive without knowing SQL. • Consolidate failover, backup and replication into one tool.
• Centralized backup management and job scheduling.	• Reduce the administrative burden by scheduling routine operations.
• SQL Profiler to trace/track queries and index recommendations (from EDB Postgres Advanced Server).	• Locate poorly-running SQL code and optimize for better performance.
• Performance diagnostics dashboard with Wait States monitor to sample queries and the corresponding waits.	• Increase performance by identifying and resolving resource bottle necks that cause delays during production.
• Capacity planning to analyze history and project future usage with statistics at object level.	• Graphically identify peak load periods, storage consumption trends, and more. • Forecast when resources may need to be upgraded.
• Query Tool to run ad hoc queries and graphically view and analyze Explain plan.	• Diagnose slow running queries and identify areas of improvement.
• Dashboards and charts on database health and performance with the ability to customize and integrate with other monitoring tools.	• Gain visibility by monitoring multiple database servers with the ability to drill down to individual objects such as tables, schemas, etc.
• Robust REST APIs to perform health checks or manage servers.	• Developer friendly, integrates with management and monitoring ecosystem.

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