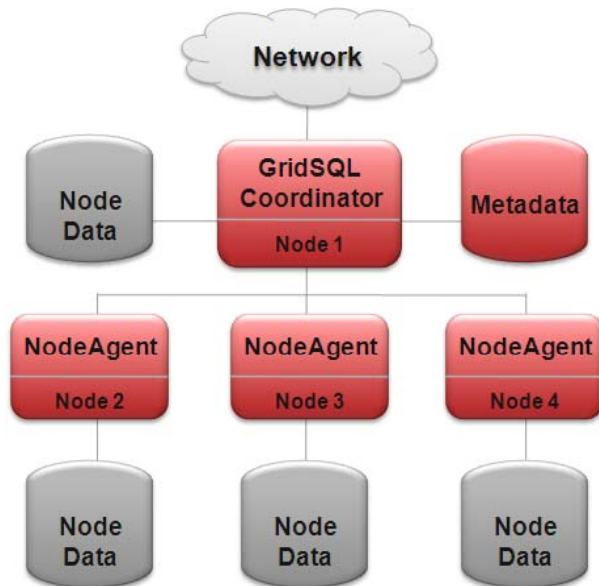


GridSQL[®] from EnterpriseDB[®]

Compatibility | Performance | Scalability

GridSQL for Postgres Plus[®]

Advanced Server enables query intensive applications to use the power and low cost of horizontally scaling multiple commodity servers. A GridSQL database performs with near linear performance as servers are added to the grid and appears as a single database to the calling application. Graphical management tools allow DBAs to monitor the entire grid from a single console.



For more information, visit:
www.enterprisedb.com

HIGHLIGHTS

Rapid Setup

Quickly and easily create, maintain, and access very large databases for business intelligence and data warehousing applications.

Improve OLTP and Reporting

Offload reporting from expensive OLTP hardware platforms onto an inexpensive grid of commodity hardware, creating significant savings and performance improvements.

Expand Access to Data

Run reporting and decision support applications against very large datasets, improving organizational decision-making with easier access to critical information.

Faster Decision Making

Improve your organization's productivity and agility by speeding up the access to and the processing of large amounts of information for your business intelligence challenges.

EnterpriseDB[®]

GridSQL for Postgres Plus Advanced Server enables organizations to easily meet complex data warehousing and business intelligence challenges utilizing horizontal scaling, at a fraction of the cost of traditional solutions.

GridSQL for Postgres Plus Advanced Server is an enhanced version of the open source version of the GridSQL project sponsored by EnterpriseDB. A growing GridSQL community with open source code provides users with assurance and flexibility.

Key features & benefits of GridSQL for Postgres Plus Advanced Server include:

Parallel Load

Very large datasets are evenly distributed across member nodes but appear as a single database to applications. This makes development simple, as developers can ignore the intricacies of data distribution and information retrieval across the grid, treating the grid as a single database requiring no special treatment.

Configurable Table-level Data Distribution

Flexible partitioning strategies can include a combination of wide data distribution for large fact tables and replication of lookup or dimension tables allowing fast local availability of data on all servers. DBAs can configure GridSQL for each table, enabling organizations to customize their data distribution to best meet their needs.

Connectors

Application development with GridSQL for Postgres Plus Advanced Server is as simple as with a single database. Tools and applications communicate with the grid coordinator using standard SQL over a wide

range of connectors, such as JDBC and ODBC, that implement the PostgreSQL communication protocol.

Parallel Query

Access to the distributed dataset is as simple as querying a single database. GridSQL handles the complexity of distributing the query to all the members in the grid, gathering and collating the resulting information, and returning a single response to the requesting application. GridSQL employs cost-based parallel query optimization to ensure that information is retrieved in the most efficient manner possible.

Centralized Management / Monitoring

The GridSQL Management

Console provides a single graphical interface to monitor the performance and operation of the grid. Dynamic graphs illustrate current and historical throughput, performance, and load, and highlight potential issues in multiple views, including a high-level, whole-grid view and an individual server view.

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