

Enterprise PostgreSQL Database Automated Lifecycle Management

Brochure

STACKUP TECHNOLOGY SOLUTIONS

www.stackuptech.com

PostgreSQL

Widely popular, largest community developed RDBMS PostgreSQL handles large scale database workloads. Wide range of assisted enhancements to the core PostgreSQL brings the best performance and reliability on the deployments.

Features

- SQL compliant and compatible
- Data Definition Language (DDL) support
- Partitioning, ODBC Connections
- Inheritance, Data Persistence
- Indexing & Constraints
- Consistency, Concurrency with MVCC
- Data import and export support
- Transactions visibility
- Vacuum and maintenance support
- Custom Server Side functions, stored procedures



Enterprise Grade

Replication - Data reliability with replication to multiple servers

Cluster - Group of servers in cluster to provide higher uptime

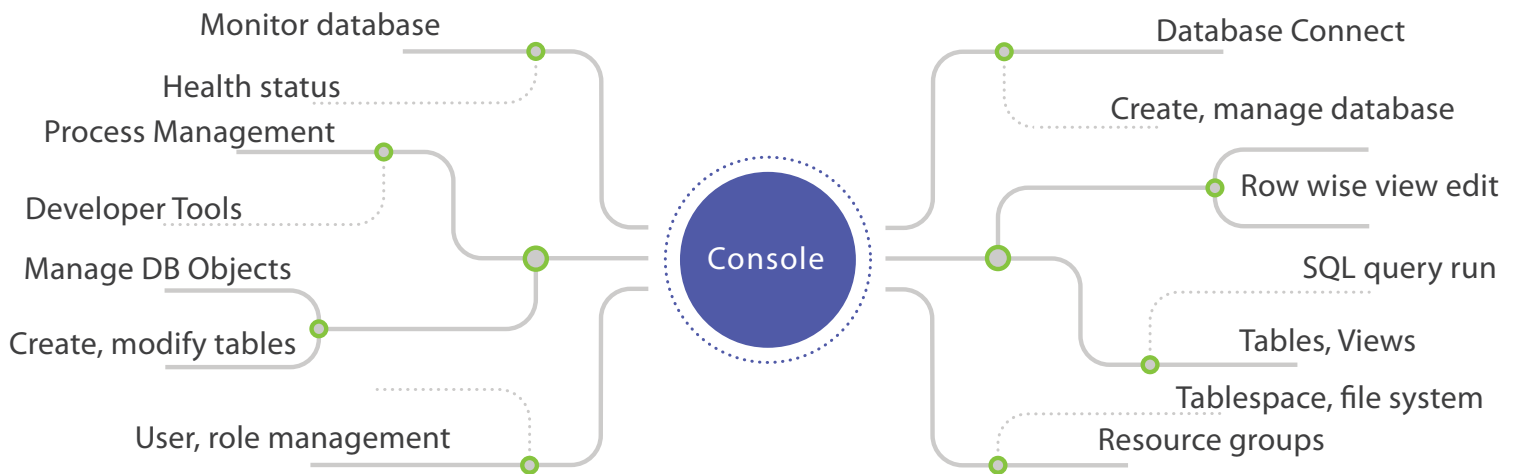
Configuration management - Alter system, per database configs

Security - Authentication, Roles, SSL certificate, Limits, User controls

ACID - Atomicity, Consistency, Isolation, Durability compliant

Load balancer - Connections shared to multiple database servers

Management GUI



Manage PostgreSQL database clusters, multiple instances with Web based management GUI. Unified controls, security rights, user management, tablespace management, file directory paths, lifecycle management of databases are part of management console.

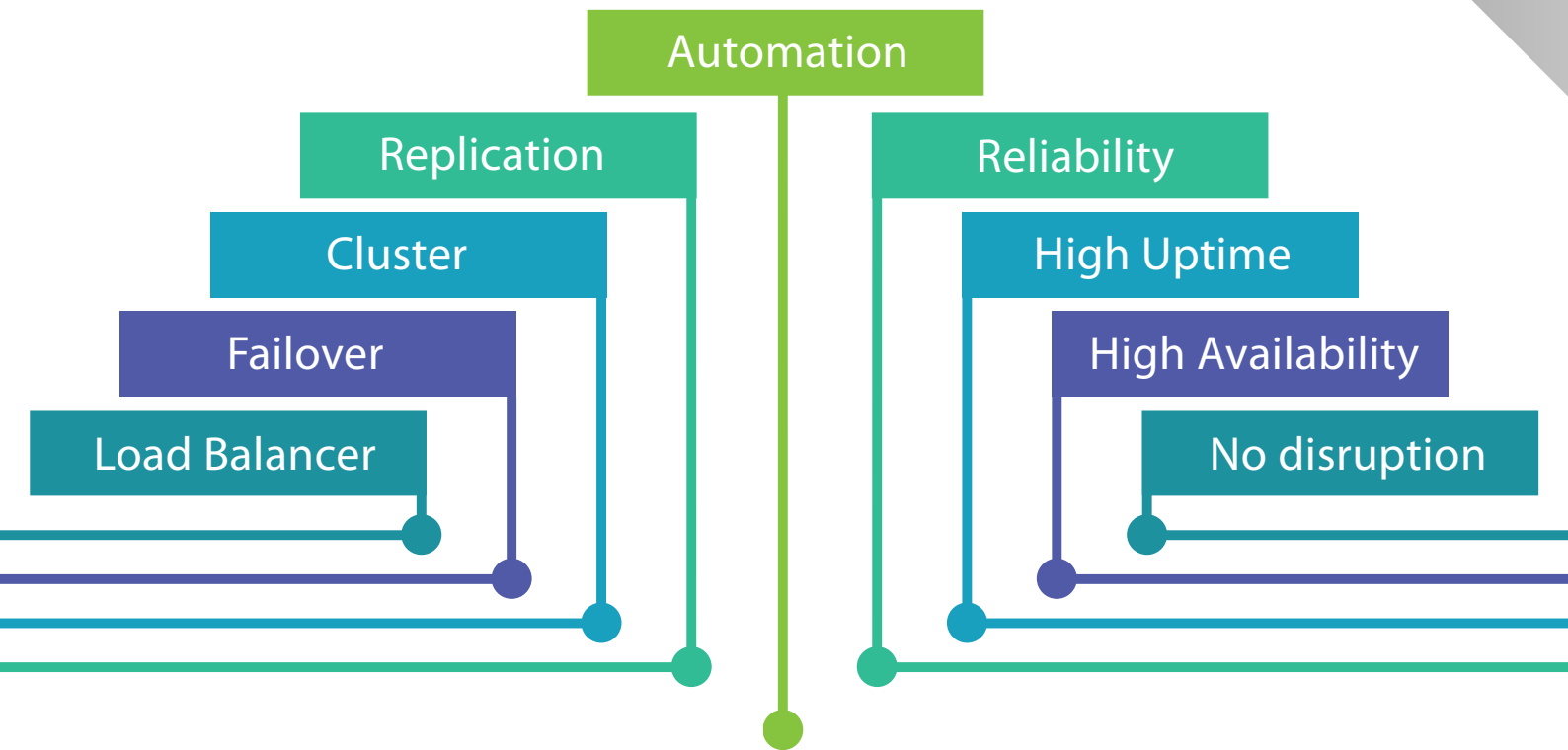
Geospatial capabilities

PostGIS extension to PostgreSQL provides spatial capabilities to run GIS database workloads. Geographical data can be stored, indexed, queried, geo spatial operations shall be run. Spatial data types like point, line, polygon supported. Complex geospatial operations like distance calculation, area computation, nearby point finding, intersecting polygons be done. Geospatial indexing provides quicker search results by narrowing down search space.



Automated Management

Stacbloc Enterprise PostgreSQL provides automated way of installing, configuring, service provisioning, replication enabling, cluster deployment, failover, high availability, backup & restore - full & incremental, point in time restore, load balancing, connection pooling. Provides highest uptime to database services with augmented performance enhancement.



Stacbloc Enterprise PostgreSQL protects business critical databases with redundancy architecture without manual interventions. Directing application traffic to optimal functioning database servers safe guards application service health.

COPYRIGHTS PROTECTED 2014-2023 STACKUP TECHNOLOGY SOLUTIONS PVT LTD. ALL RIGHTS RESERVED.
 STACKUP TECH, STACBLOC SIMPLIFIED ARE REGISTERED TRADEMARKS OF STACKUP TECHNOLOGY SOLUTIONS PVT LTD.
 ALL OTHER TRADEMARKS USED HEREIN BELONG TO THEIR RESPECTIVE OWNERS.