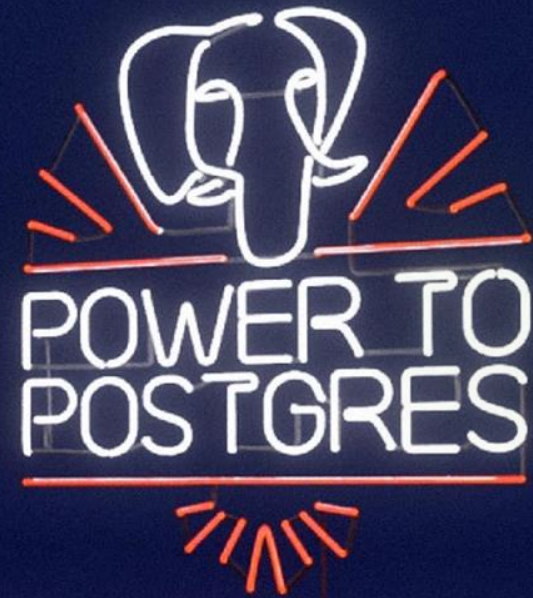


Manage Your Customer's Data with EDB

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What brings us here today?

- Manage Data
 - Learn how EDB can help
- Secure Data
 - Safeguard Information & Ensure Confidentiality
- Deploy Anywhere
 - Achieve a Flexible and Agile IT Infrastructure



Manage your data with PostgreSQL, we've got you covered

EDB supercharges PostgreSQL

Software, support, and services

For teams who want to do more and go faster



Why choose PostgreSQL?

Diversity of Use Cases



Migration



New App Development



Replatforming to
Cloud and Containers

Diversity of Workloads



System of Record



System of Analysis



System of
Engagement

Diversity of Deployments



Public Cloud – IaaS



Public Cloud – DBaaS



Private Cloud



Virtual Machines



Containers

Why choose EDB?

Build PostgreSQL



PostgreSQL Innovation

Enhance the Core

EDB contributes to PostgreSQL continuously

- Collaborate with the broader Postgres community
- Demonstrate technical leadership
- Add features that matter to customers

Make Postgres Easier



Developer Productivity

Fast & Flexible

EDB helps developers move faster

- Leverage broad community support of platforms and languages
- Accelerate development speed through CLI & API options
- Full support for PostgreSQL community distribution

Deliver customers the Postgres they need



Enterprise Ready

Expert & Reliable

EDB adds enterprise features to PostgreSQL

- Performance, high availability, security, and scalability
- Enterprise class management and monitoring
- Migration tools & compatibility with Oracle

Exploit & enable "Postgres everywhere"



Multi-cloud Friendly

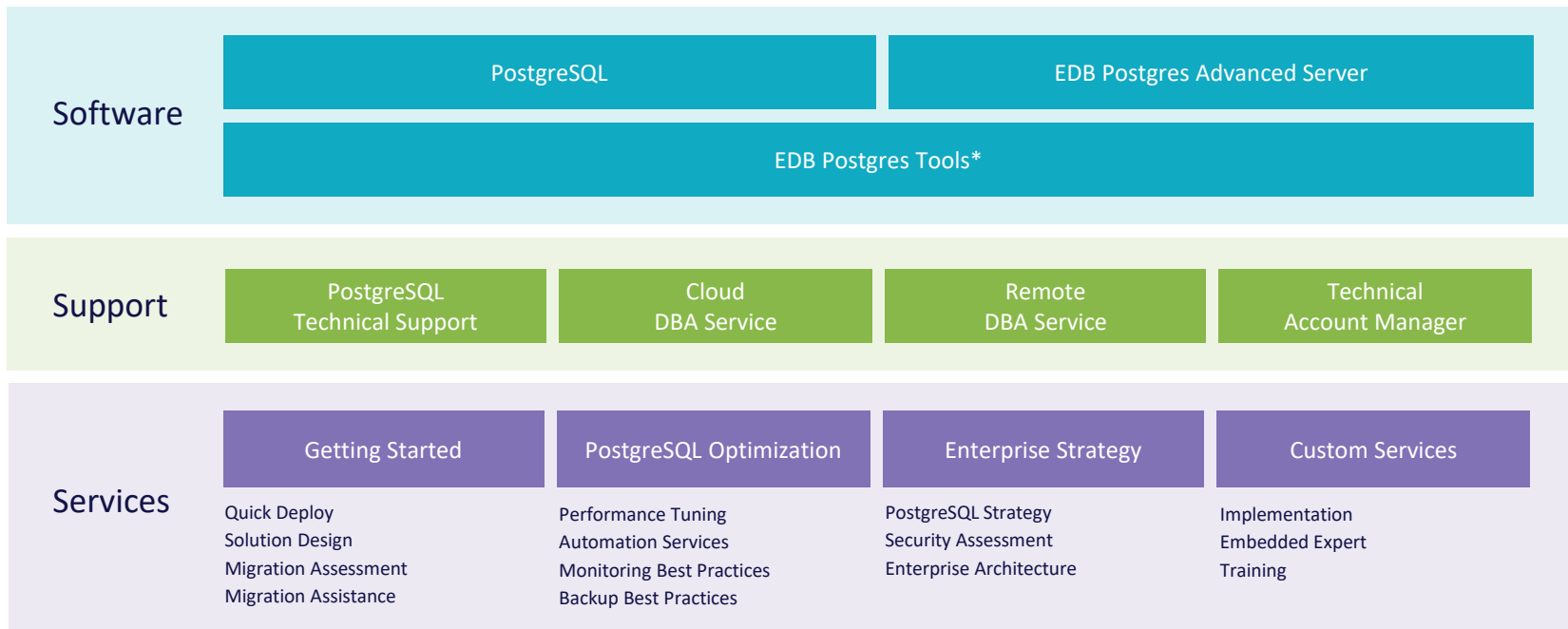
Deploy Anywhere

EDB enables flexible deployment options

- Postgres product support on all major cloud providers
- Cloud DBA Service for major cloud platforms
- Orchestrate and manage deployments across clouds
- Broad support of Postgres across deployment models

Embrace and engage communities beyond Postgres

EDB offerings

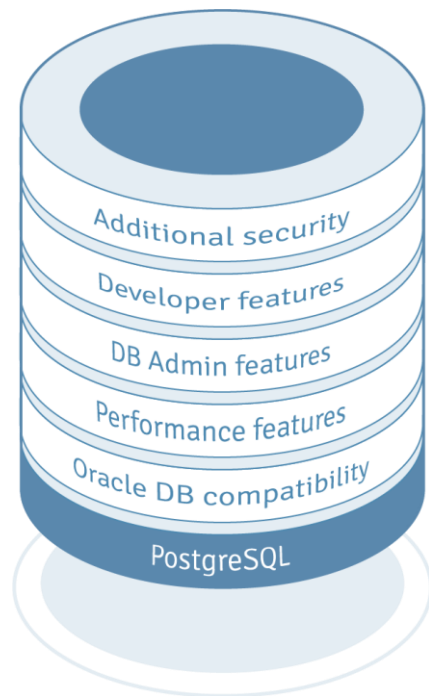


* Postgres Enterprise Manager, Backup and Recovery Tool, Failover Manager, Replication Server, Containers, Kubernetes Operator, PostGIS, Pgpool, PgBouncer, Connectors, Foreign Data Wrappers, Migration Toolkit



Secure Data: Safeguard Information & Ensure Confidentiality

EDB Postgres Advanced Server



EDB Postgres Advanced Server

- **Security** - Password policy management, session tag auditing, data redaction, SQL injection protection, and procedural language code obfuscation
- **Performance** - Query optimizer hints, SQL session/system wait diagnostics
- **Developer Productivity** - Over 200 pre-packaged utility functions, user-defined object types, autonomous transactions, nested tables, synonyms, advanced queuing
- **DBA Productivity** - Throttle CPU and I/O at the process level, over 55 extended catalog views to profile all the objects and processing that occurs in the database
- **Oracle Compatibility** - Offers compatibility for schemas, data types, indexes, users, roles, partitioning, packages, views, PL/SQL triggers, stored procedures, functions, and utilities

Security enhancements and features



Password policy management

DBA managed password profiles,
compatible with Oracle profiles



Audit compliance for SOX

Track and analyze database
activities and user connections



Code protection

Protects sensitive IP,
algorithms or financial policies by
obfuscates DB source code



EDB/SQL protect

SQL firewall installed directly in DB
server, screens queries for
common attack profiles



Data redaction

Hide/remove data to protect sensitive
information for GDPR,
PCI and HIPAA compliance



Virtual private databases

Fine grained access control
limits user views of data
records in one table



Deploy Anywhere: Achieve a Flexible and Agile IT Infrastructure

Benefits of Choosing EDB

At EDB we have a multi-cloud strategy focused on enabling customers to **deploy anywhere**.

Cloud & PostgreSQL Expertise

Leverage our on-demand DBAs to manage and monitor PostgreSQL databases running on the major cloud providers with our **Cloud DBA Service**.

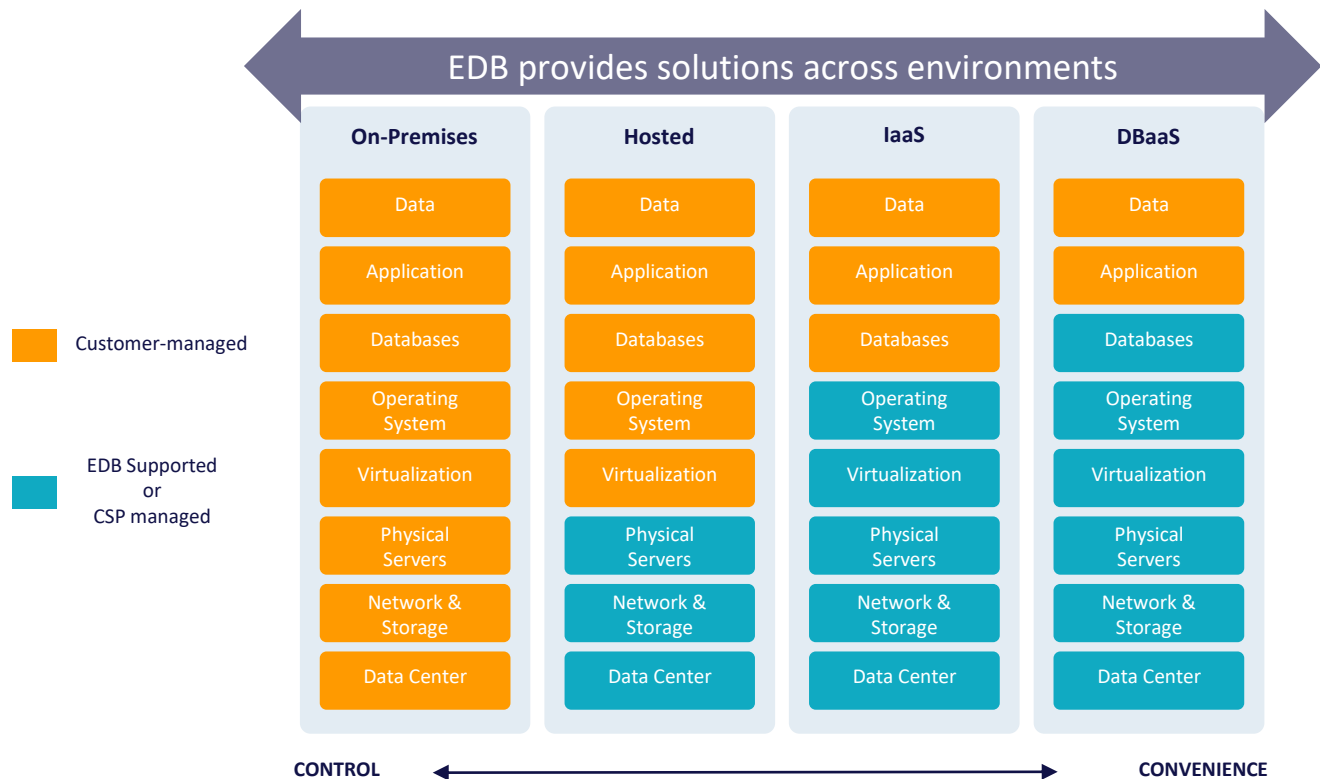
Flexibility & Speed

Provision databases on demand and pay for what you use with **EPAS as a DBaaS** offering managed and operated by our partners, Alibaba Cloud or IBM Cloud or **run EPAS on the major cloud vendors' cloud compute infrastructure**.

Orchestrate & Manage Deployments

Run PostgreSQL workloads on multiple clouds with our **containers, Kubernetes operator, and virtual machines**. Standardize and automate deployments with our unified **CLI and deployment scripts**.

Deploy Anywhere & Don't Sacrifice Portability



Orchestration & Deployment Capabilities

Run PostgreSQL workloads on multiple clouds with our containers and Kubernetes operator. Standardize and automate deployments with our unified CLI and deployment scripts.

Orchestrate

Manage Postgres at scale.

Deploy Anywhere

Run Postgres on public, private, and hybrid clouds.

Automate

Plug into existing DevOps pipelines for consistent, predictable application releases.



kubernetes

A container management system used for orchestrating the deployment of software and utilizing infrastructure more efficiently.

Transform the potential of container technology into an operational reality

- Automates deploying, scaling and managing containerized applications on shared infrastructure
- Reduces costs by using less resources to manage IT
- Enables ease-of-use and portability
- Empowers scalability and modularity that makes apps more resilient and performant.

EDB's Red Hat Certified Operator

Versions & Platforms

- Versions
 - EPAS 11
 - PostgreSQL 11
- Platform
 - Openshift 4.4

Capabilities

- Supports scheduled full backup and restore functionality
- High availability using streaming replication

Key Use Cases

- Use the operator to run and manage a production workload with specific deployment architectures
 - Developer Enablement (unit testing)
 - Enterprise experimentation/PoC's
 - 99.9% or less availability apps
 - Microservices architecture

Goal

- Deploying EDB Postgres on Kubernetes is easier than ever before

Capabilities

- Red Hat certification
- Vertical scaling (compute and memory)
- Horizontal scaling (number of replicas)
- Configuration (postgresql.conf)
- Monitor for basic runtime characteristics
- Database failover management

Thank you!

Check out enterprisedb.com to learn more
and stay tuned for more information about
our partnership with Nutanix!