EDB Postgres® Advanced Server

Enterprise-grade, Oracle-compatible, based on open source Postgres. Get ready for the AI era, with advanced replication, high availability, security, and performance diagnostics.

Legacy data infrastructures can't keep pace with AI

Migrating from restrictive, legacy Oracle database infrastructures and adopting Postgres offers a clear path to meeting your organization's AI, analytics, and machine-learning app initiatives.

But the transition from legacy databases is filled with technical and business challenges for operators, decision-makers, and economic leadership alike, such as:

- Migration complexity, including intense assessment effort required across schema, data, and applications
- Difficulty of navigating away from vendor lock-in and troublesome contracts
- Concerns about losing database skill sets and expertise

The fastest on-ramp to data infrastructure modernization

EDB Postgres Advanced Server is the only Postgres server solution that provides robust Oracle compatibility—on premises or in the cloud. As a result, you can modernize legacy systems and re-platform existing applications to roll out modern solutions for transactional, analytical, and AI workloads.

Equally important: EDB Postgres Advanced Server provides flexible, extensible open source PostgreSQL functionality combined with capabilities familiar to Oracle users—advanced replication, high availability, security, and performance diagnostics.

With EDB Postgres Advanced Server, you can migrate your database to where your business needs it, with deployment options that include:

- On-premises on physical servers, virtual machines, Kubernetes/containers, or private cloud
- Kubernetes/containers
- Public cloud—fully managed EDB Postgres AI Cloud Service running on AWS, Google Cloud, and Microsoft Azure, as well as self-managed

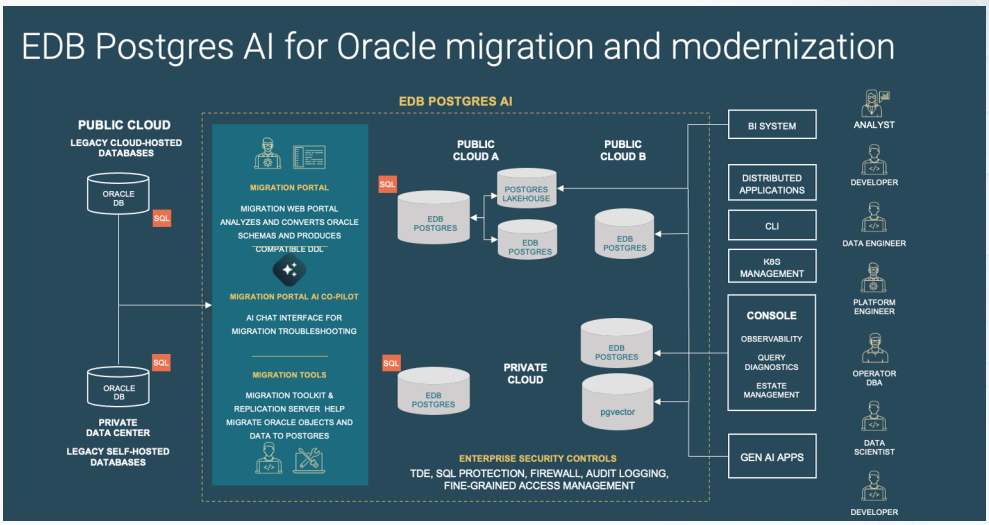

Figure 1. EDB Postgres Advanced Server with Oracle compatibility provides mission-critical features to support enterprise-grade database operations.

> ***"We had to make a choice. We took the opportunity to modernize and to move to something lower cost—and a lot more performant than what we were getting with Oracle."***
>
> **John Lovato**
> Database Architect,
> USDA Forest Service

Modernize Oracle systems and embrace Postgres innovation

Break free from Oracle and discover a comprehensive platform that supports high availability and enables operation across any cloud environment. Mission-critical apps operate seamlessly, without downtime or security threats—leaving you free to harness the advantages of Postgres.

Reduce Oracle migration risks

Migrate your database in less than 20 days, reduce application rewrites by 80%, and save up to 80% in TCO.

Eliminate downtime with high availability

Run active/active geo-distributed clusters offering up to 99.999% availability with EDB Postgres Distributed on EDB Postgres Advanced Server.

Reduce complexity with EDB Migration AI Copilot

Advance self-service migrations with the EDB AI-driven chat interface.

Gain high confidence for data-intensive workloads

With EDB Postgres Advanced Server, spend less time refactoring legacy applications to work with Postgres and instead focus on building new innovations that leverage everything Postgres has to offer as a data layer.

Enterprise security

Benefit from EDB TDE support equivalent to Oracle, DB2, and SQL Server, plus SQL protection, audit trail, and data redaction.

Reporting and diagnostics

Fix issues rapidly with intelligent observability, complemented by EDB Postgres Workload Reports (similar to Oracle AWR reports).

Cloud modernization and agility

Quickly explore new data projects by deploying high availability Postgres across any cloud.

Get started for free today on EDB Postgres Advanced Server. Register in 60 seconds for a full-featured EDB Oracle compatibility experience, plus access to EDB's Oracle Migration Portal, training, and downloads.

EDB provides a data and AI platform that enables organizations to harness the full power of Postgres for transactional, analytical, and AI workloads across any cloud, any time. For more information, visit www.enterprisedb.com.