EDB Postgres®
AI Cloud Service

Deploy Oracle-compatible, enterprise-grade EDB Postgres AI on your cloud account, with up to 99.999% availability. Achieve up to 5x performance compared to open source Postgres.

Cloud database challenges in the always-on economy

Enterprises want the confidence of a multi-cloud data strategy, but they also face complex challenges:

- **Slow innovation:** The time spent learning new tools, ramping up developers, and coordinating multi-team deployments creates barriers to rapid innovation.

- **Lack of enterprise-grade features:** This deficit translates into issues with navigating module availability, training IT to support open source software, and testing compatibility.

- **24/7 availability demands:** Lack of uptime guarantees and cloud vendor lock-in cycles can stall database migrations to the cloud.

Manage multi-cloud better with EDB Postgres AI

EDB Postgres AI is a modern Postgres data platform for operators, developers, data engineers, and AI builders powering mission-critical workloads from edge to core, with flexible deployment across hybrid and multi-cloud. The EDB Postgres AI Cloud Service removes the heavy lifting of provisioning and managing databases on Amazon Web Services, Google Cloud, and Microsoft Azure. Accelerate time to market by using familiar database tools for development, with fast access to a database.

Migrate legacy infrastructure, modernize apps with Oracle compatibility

Migrate Oracle databases in fewer than 20 days, reduce app rewrites by up to 95%, and realize 80% in TCO savings vs. using Oracle licensing.

Deploy enterprise-grade Postgres in any cloud

Leverage Postgres built and tested for the enterprise—including continuous high availability, transparent data encryption (TDE), SQL protection, diagnostics, audit logging, and reporting.

Eliminate Tier 1 workload downtime with geo-distributed Postgres apps

Improve reliability of high-demand apps with up to 99.999% uptime on running active-active, geo-distributed data clusters on self-hosted AWS, Google Cloud, or Azure cloud infrastructures.
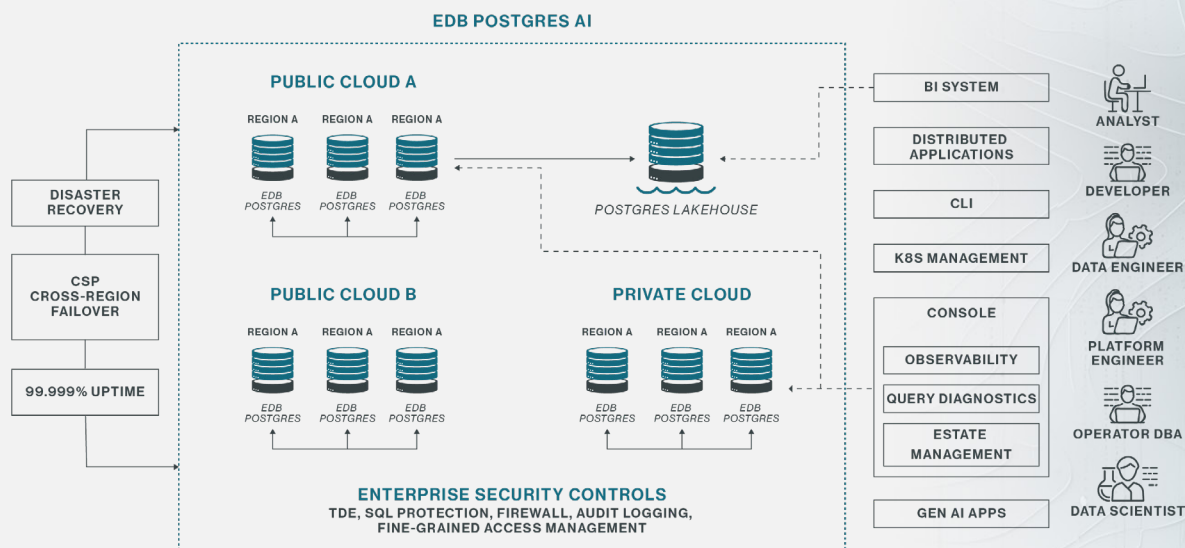

Figure 1. The enterprise-grade EDB Postgres AI Cloud Service architecture provides up to 99.999% availability on AWS, Google Cloud, and Microsoft Azure in self-hosted deployments.

Enhance cloud database security and support while reducing costs

EDB Postgres AI Cloud Service is the only Postgres cloud database offering advanced security features and break-fix support services delivered by PostgreSQL and cloud experts. Running EDB Postgres AI in a bring-your-own- account (BYOA) reduces costs and provides flexibility to deploy enterprise-grade Postgres on your preferred cloud infrastructures.

Advanced security supports mission-critical app reliability and standards compliance

Leverage data encryption, access management, and enhanced query performance. Compliance readiness includes GDPR, PCI DSS, and SOC2.

CSP cross-region failover

Meet high-availability needs and data residency requirements, moving workloads between CSP regions in seconds.

Flexible deployment

Use the same EDB Postgres AI engine across multiple deployments: self-hosted, distributed, and more.

Easy purchase on CSP marketplaces

Get the same features and performance on AWS, Microsoft Azure, and Google Cloud; or on the EDB Postgres AI Cloud Service account, with all the benefits of a fully managed service.

Establish your EDB Postgres AI cloud database using a BYOA approach that reduces your cloud commits—all without going through a lengthy sales process.

Ready to get started?

Contact Us.

About EDB Postgres AI

EnterpriseDB (EDB) provides a data and AI platform leveraging Postgres for transactional, analytical, and AI workloads across any cloud. Serving 1,500+ customers globally, EDB supports major industries and contributes to the PostgreSQL community. EDB ensures high availability, security, compliance, and observability, helping enterprises modernize and scale efficiently.