EDB Postgres® AI Cloud Service on Microsoft Azure

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

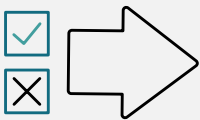## Cloud database challenges in the always-on economy

Enterprises are increasingly migrating database services to multi-cloud infrastructures, but they face complex challenges in doing so, including:

- **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 Postgres database migrations to the cloud.

Deploy EDB Postgres AI in Azure with Oracle compatibility and continuous high availability

EDB Postgres AI is the first intelligent data platform for transactional, analytical, and new AI workloads, powered by an enhanced Postgres engine. The EDB Postgres AI Cloud Service is the only enterprise-grade Postgres database providing up to 99.999% availability on Microsoft Azure in a self-hosted deployment. With EDB Postgres AI Cloud Service, you can build robust, globally distributed applications that process thousands of transactions per second with 5x throughput compared to native logical replication.

EDB Postgres AI Cloud Service natively integrates with core Azure platform services, including Azure Monitor, Azure Active Directory, and Azure Billing, enabling Postgres to fit seamlessly in your existing Azure environment.

Migrate legacy infrastructure, modernize apps with Oracle compatibility

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

Deploy enterprise-grade Postgres on Azure

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 Azure by running active/active, geo-distributed data clusters.

Financial leader accelerates trading application rollout with EDB Postgres AI Cloud Service on Azure cloud

An investment services leader reduced its go-to-market timeline for a business-critical trading app by deploying on EDB Postgres AI Cloud Service running on Microsoft Azure cloud. EDB's disaster recovery and backup capabilities and PostgreSQL community contributions were viewed as differentiators, while EDB Postgres AI Cloud Service provided flexible CPU and storage options at reduced cost.
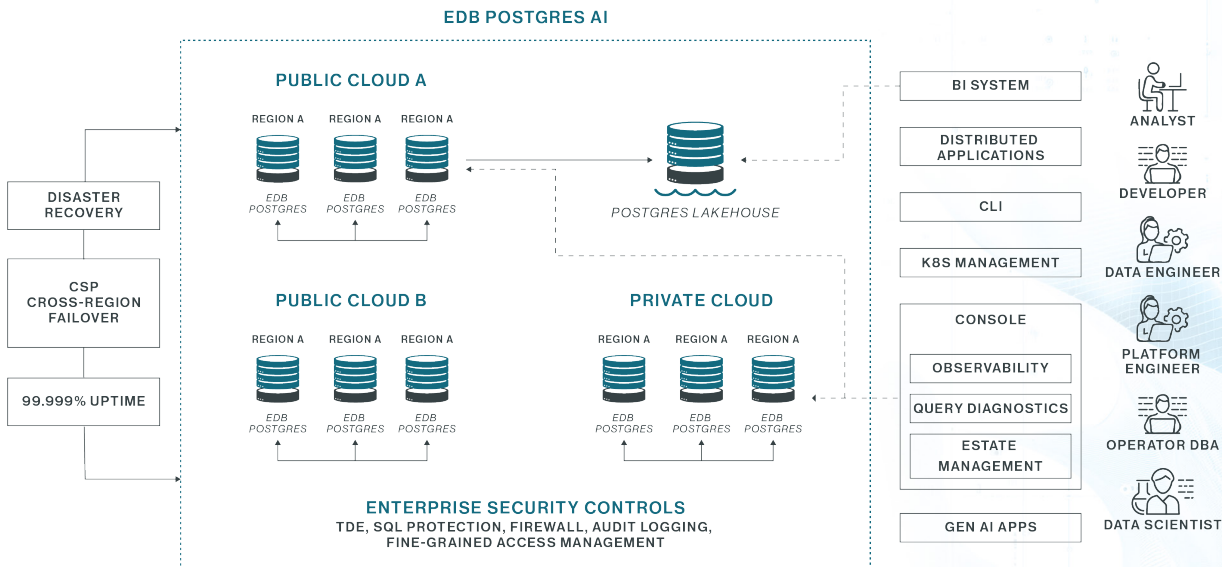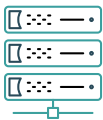
Figure 1. The enterprise-grade EDB Postgres AI Cloud Service architecture provides up to up to 99.999% availability.

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 from PostgreSQL and cloud experts. EDB Postgres AI Cloud Service offers superior flexibility and reduced TCO when deployed on your Azure cloud infrastructure in a "bring your own account" (BYOA) model.

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.

Comprehensive Postgres support from experts who helped build it

EDB PostgreSQL and cloud SMEs provide 24x7 coverage, break-fix support, and advanced troubleshooting to maximize database performance on Azure.

Reduce costs with EDB Postgres AI Cloud Service on Azure

Optimize resources, cut operational costs, and reduce Azure commits.

Get superior EDB Postgres AI performance on Microsoft Azure

With EDB Postgres AI Cloud Service, you can close Postgres availability gaps with continuous high availability and keep business-critical apps "always on."

You can establish EDB Postgres AI Cloud Service on Azure using a BYOA approach that reduces your cloud commits. Buying EDB Postgres AI Cloud Service from Azure Marketplace provides the opportunity to recognize volume-based discounts. Simply click "Get It Now" to begin your EDB Postgres AI Cloud Service experience. For a private offer, please contact cspmarketplaces@enterpisedb.com.

Ready to get started?

Contact Us