

EDB Postgres[®] AI on Nutanix Database Server



A powerful hybrid database service to support application modernization and secure open source strategies for enterprises

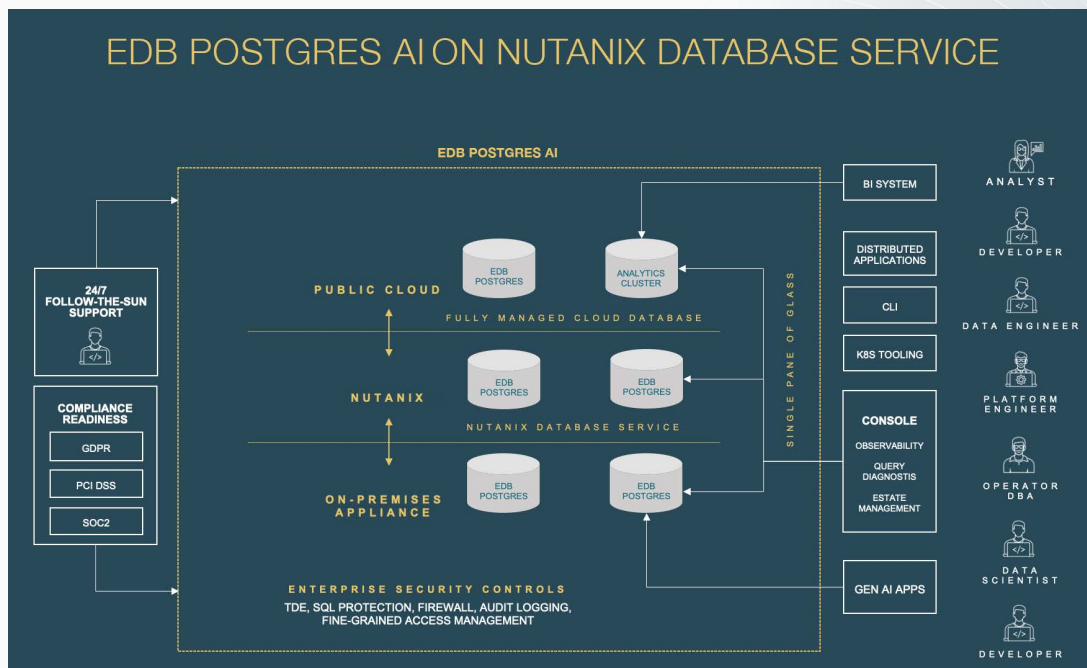
In the AI era, enterprises feel increasing urgency to modernize their data infrastructure. Open source databases such as Postgres offer flexibility, operational agility, improved TCO, and a chance to break away from the constraints of legacy commercial databases. However, transitioning to Postgres brings unique challenges: Enterprises must ensure that their Postgres databases are tuned to deliver the performance, availability, security, and compliance required for mission-critical applications.

EDB Postgres AI is an intelligent platform for enterprise-grade Postgres, available now using Nutanix Database Service (NDB). It offers a scalable Postgres solution tailored for modern hybrid infrastructures. With EDB Postgres AI on Nutanix, you can simplify database management, enhance security and compliance, and scale faster to support both legacy application modernization and new app deployments.

Key benefits

- **Enterprise-grade Postgres:** Leverage open source flexibility with mission-critical security, including transparent data encryption, SQL Protect, audit trail, and trusted repositories.
- **Database automation:** Simplify administration and provisioning tasks such as cloning, patching, and backups with a hybrid multicloud database service.
- **Mission-critical performance:** EDB Postgres AI platform tools and services help achieve up to 5x TPS versus standard PostgresSQL.
- **Oracle modernization:** Accelerate migrations to Postgres with a migration portal, AI chatbot, and EDB Oracle compatibility mode.
- **Multi-model database:** Support diverse data models including JSON, time series, and a vector solution to support generative AI applications.

EDB POSTGRES AI ON NUTANIX DATABASE SERVICE



EDB Postgres AI is deployed using Nutanix Database Service to support modern hybrid infrastructure for application modernization and new app development.

EDB Postgres AI on Nutanix: Key capabilities



Modern infrastructure solutions such as Nutanix Cloud Platform enable enterprises to achieve faster time to value, security, compliance, and reduction of project risk. However, underlying legacy databases, which carry ceilings on innovation, lack cloud interoperability, and have a high total cost of ownership, can impede application modernization efforts. Further, they can challenge the delivery of the on-demand, self-service access to database infrastructure that modern platform and engineering teams require.

EDB Postgres AI is an intelligent platform for modern data and AI workloads, available as a database-as-a-service (DBaaS) in Nutanix Cloud Platform using NDB. With EDB Postgres AI on NDB, enterprises have access to capabilities that include:



Oracle modernization suite

EnterpriseDB (EDB) provides Oracle-compatible Postgres that helps reduce code rewrites by up to 80%. Getting there is made simple with EDB Postgres AI web services and command-line tools, which help analyze and convert schemas and migrate data and which include AI-driven suggestions.



Enterprise-grade Postgres

EDB Postgres AI on NDB provides the flexibility and TCO advantages of PostgreSQL, plus enhanced security—including transparent data encryption (TDE), SQL Protect, and integrated snapshots for backup and recovery. EDB offers a secure supply chain for open source, with validated Postgres repositories and extensions and 24x7x365 DB-level support.



Hybrid, multi-cloud DBaaS

With NDB, organizations can effortlessly manage diverse database environments, both on-premises and in the cloud. NDB enhances operational efficiency, improves resiliency, and boosts developer productivity by automating database lifecycle management and integrating with cloud-native development processes, reducing complexity and operational costs associated with traditional database management. EDB Postgres AI supports diverse workloads and data models with native JSON support and extensions for vector, time series, and more to meet modern application requirements.

Accelerate modernization and new app development today

EDB Postgres AI on NDB offers a powerful, secure, and high-performing database platform ideal for enterprises seeking to modernize their IT infrastructure. By leveraging this integrated solution, businesses can achieve significant cost savings, enhanced operational efficiency, and robust security, ensuring that their data infrastructure meets the demands of today's digital landscape.

Learn more at www.enterprisedb.com/partners/nutanix »