

Modernize with Confidence

Resilience meets innovation. CockroachDB and IBM deliver a modern, distributed data foundation built for global scale, real-time performance, and the AI era.

WHY COCKROACHDB POSTGRESQL FOR IBM

- ✓ **One IBM Contract. Zero Hassle.** Simplified procurement with unified 24/7 support from IBM and Cockroach Labs.
- ✓ **Modernize with ease** – PostgreSQL compatibility with JSON, Geospatial, Vector data type support, and pgvector API compliance for vector search to power enterprise-grade GenAI applications.
- ✓ **Always On. Always Resilient.** Active-Active business continuity that withstands node, zone, and region failures without data loss.
- ✓ **Deploy Anywhere.** From x86 to IBM LinuxONE, Z Linux (mainframe), OpenShift, IBM Cloud, or Any Cloud
- ✓ **Hybrid Cloud, No Boundaries.** Purpose-built for apps that span data centers, regions, and clouds.
- ✓ **Governance Without Compromise.** Scale confidently without sacrificing correctness, security, or compliance.
- ✓ **Built for Agentic-Scale.** Elastic scalability across compute and storage for both operational and vector data, seamlessly integrated with Watsonx.ai.



PAYMENTS:

Real-time consistency and uninterrupted uptime for mission-critical transactions across regions and data centers.



ORDERS & INVENTORY:

Zero-downtime scale for peak traffic; process transactions without disruption.



IDENTITY & ACCESS MANAGEMENT (IAM):

Secure global authentication with geo-distributed replication, ACID guarantees, and regional access controls.



METADATA MANAGEMENT:

Unified, globally distributed metadata store with highly availability, instant accessibility, and residency-awareness.

ALWAYS-ON PARTNERSHIP.

- ✓ **End-to-End Resiliency:** IBM's enterprise infrastructure and CockroachDB's distributed SQL create a foundation that never fails.
- ✓ **Enterprise Trust:** IBM's reach and Cockroach Labs' technology serve as the backbone for the biggest names in business.
- ✓ **Modernization Made Easy:** PostgreSQL-compatible and cloud-native, with stored procedures, cursors, read-committed isolation, and more to simplify migration.
- ✓ **Global Reach, Local Compliance:** Run anywhere, scale everywhere — while meeting stringent data residency and sovereignty requirements.
- ✓ **Secure by Design:** End-to-end security leveraging IBM's advanced infrastructure and CockroachDB's data protection.
- ✓ **AI-Ready Infrastructure:** Integrated solutions that power AI/ML workloads with enterprise-grade reliability and scale.

WHAT LEADERS ARE SAYING



"Our partnership with Cockroach Labs brings distributed SQL innovation directly into IBM's hybrid cloud and enterprise platforms," said Martin Oberhofer, Vice President and Distinguished Engineer at IBM. "By combining CockroachDB's cloud-native resilience with IBM's trusted technologies like LinuxONE and Linux on Z, we're giving clients a modernization path that feels familiar with PostgreSQL yet is built for the future. Together, we empower enterprises to run mission-critical workloads with security, efficiency, and the scalability demanded by the AI era."



"The modernization journey can't wait. Enterprises today face unprecedented pressure to deliver always-on experiences, meet rigorous compliance standards, and unlock real-time data for AI," said Spencer Kimball, CEO and co-founder of Cockroach Labs. "Through our partnership with IBM, we're combining CockroachDB's cloud-native, distributed architecture with the resilience and security of IBM's enterprise platforms – bringing resilience, scale, and AI-readiness to the environments where they already run their most important systems."



GET STARTED

Learn more & contact us: ibm.com/products/cockroach-labs

Talk to your IBM representative about CockroachDB on LinuxONE and IBM Cloud.

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