



FAST FACTS

Company:
Cockroach Labs

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Company Description

Cockroach Labs builds the world's easiest tools to fulfill its mission: Make Data Easy. Our first product, CockroachDB, is the SQL database for building global, resilient scalable cloud services. Cockroach Labs is a distributed relational database that takes the best of SQL and NoSQL solutions by preserving the most popular interface for working with data (SQL) and re-building it for the cloud to scale horizontally.

Product Profile

CockroachDB is a SQL database that guarantees correctness at scale and is well suited for both, growing and global mission-critical workloads. CockroachDB provides resiliency, scale, and correctness in distributed environments by using self-organizing nodes to form a high-availability data layer that can span clouds.



Overview

CockroachDB is the distributed SQL database for building global cloud services.

Executive Summary

Cockroach Labs is partnering with Red Hat® to help businesses move their mission-critical applications to the cloud. Combining Red Hat's trusted, open cloud infrastructure with a SQL database built to maintain data integrity at any scale, customers get the infrastructure flexibility they desire while meeting their data integrity and resiliency requirements.

Statement from Partner

"We are excited to help forward-looking companies safely transition to global, resilient data architectures by combining CockroachDB with orchestration solutions centered around Red Hat's certified containers."

- Nate Stewart, Head of Product

Statement from Red Hat Connect

"Customers are looking to migrate their applications to the cloud leveraging containers as the deployment model," said Mike Werner, senior director, Global Technology Partners, Red Hat. "Red Hat container certification assures a supportable and performant platform for all types of customer deployment models. Red Hat is thrilled to work with software partners like Cockroach Labs, resulting in the world's largest commercial ecosystem for containers."



Product Benefits

CockroachDB allows growing businesses to meet their data integrity, regulatory, and resiliency requirements without requiring painful development and operator workarounds. IT teams are able to provide a single logical database to their distributed applications that, when combined with orchestration technologies like Kubernetes, forms a self-healing data layer that scales elastically.

Use Cases

For growing and global, mission-critical applications that want the resiliency and flexibility offered by Red Hat's trusted, open cloud infrastructure.

- **Serve Your Global Customer Base:** Provide improved latencies and an always-correct experience to your customers around the globe. With data zone configuration controls for placing data closer to customers and a distributed ACID transaction model that ensures always-correct data, you'll be giving your customers a performant and intuitive user experience.
- **Invest in a System of Record that Elastically Scales:** Build a system of record that scales without sacrificing the consistency you require. CockroachDB takes the best of SQL and NoSQL solutions by preserving the most popular interface for working with data (SQL) and re-building it for the cloud so that it scales horizontally.
- **Keep Deployment & Operations Decisions in IT's Hands:** Choose the cloud deployment model that's right for your team and application, without fear of vendor lock-in or throttled tooling options. CockroachDB can be run on and across any cloud and can be managed using orchestration systems like Kubernetes or DC/OS to automate the deployment, scaling, and management of their production clusters.



Use CockroachDB on Red Hat[®], and give your mission-critical applications the resiliency and scale they require.