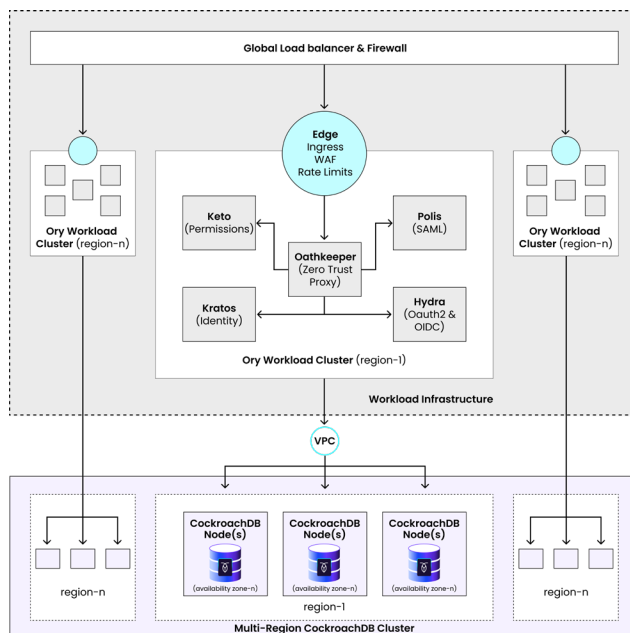


CockroachDB for Cybersecurity

Modern cybersecurity requires a flexible, reliable, and scalable infrastructure that can power next-generation products and services. Perhaps you need a more scalable **metadata management** system for APIs, rules, and policy engines to provide accurate and immediate actions. Or what about an advanced **feature store** that can handle heavy transactional workloads? What about a consistent, reliable way to quickly **identify and authenticate** users? Regardless of what you're building, CockroachDB can deliver a trustworthy foundation for your most critical cybersecurity use cases.

Common challenges	Solved with CockroachDB
Outages/unplanned downtime disrupting business operations	Achieve 99.999% uptime and survive any type of failure (node, region, cloud provider) with 3x data replication and a self-healing infrastructure.
Unable to comply with regulations and deliver low latency to a distributed user base	Scale your application across multiple regions to deliver low-latency reads and writes while guaranteeing data consistency. Use row-level partitioning to keep data close to users which aids with regulatory compliance.
Slow development cycles and difficulties scaling with legacy systems	Leverage automated, horizontal scale and say goodbye to manual sharding forever. Developers can quickly spin up clusters in the cloud and produce software at a higher velocity with lower time to market.
Spending too much time and money making sure systems are scalable and resilient	Start small and scale as needed with every node accepting both reads and writes. Build a fault tolerant application without the complexity by eliminating the need for separate replication, clustering, and storage solutions.
Corrupt data and/or data loss causing customer churn	Run critical workloads in a distributed setting with ACID guarantees. Ensure your data is always correct and available even during an outage and reduce RPO to 0.



Architecture Example: Ory + CockroachDB

Ory uses CockroachDB to deliver a distributed identity and access management infrastructure. This system is used to authenticate, authorize, manage, and protect customer identities. The stack is consistent across managed and self-hosted setups.

The workload layer integrates with multi-region CockroachDB clusters, making it a highly scalable, resilient, and performant design.

Trusted by dozens of companies just like you.