



Couchbase on AWS

SCALE YOUR CLOUD BUSINESS WITH COUCHBASE ON AWS

Key benefits

- Deploy in less than five minutes on AWS
- Deploy your data anywhere, anytime with 100% flexibility for cloud and hybrid environments
- Scale on demand to meet changing data workload with “utility model” pricing for Couchbase on AWS
- Distribute data globally to achieve performance at scale with Couchbase cloud native architecture

Take advantage of a data platform as flexible as your cloud

Global enterprises are increasingly relying on public cloud services. Couchbase on Amazon Web Services (AWS) provides a way for enterprises to move data operations for business-critical applications to the cloud today.

Enterprises need to unleash the full potential of their data when designing customer interactions and experiences. Customer expectations are at an all-time high, and meeting them becomes exponentially harder as more users engage with your business. While AWS gives businesses an agile, easy, and flexible approach to scaling infrastructure, complex data operations can be a harder challenge to solve. Without an easy way to scale the data platform supporting web, mobile, and IoT applications, customer experience can suffer and time to market can slow.

Build sophisticated, scalable applications in the cloud

By making it easier to capture, manipulate, and retrieve the data involved in every interaction between customers, employees, and machines, the Couchbase Data Platform enables businesses to deliver innovative digital solutions that drive ever-deeper engagement.

Couchbase is a geo-distributed cloud-native data platform that provides data modeling flexibility with native support for JSON, elastic scalability with a shared-nothing architecture, high performance through a built-in cache, and cross datacenter availability through inter- and intra-cluster data replication.





“COUCHBASE HAS ALWAYS BEEN ABOUT AVAILABILITY, AND IT SCALES WELL— BOTH OF WHICH WE WERE AFTER FOR MESSAGING. ULTIMATELY, COUCHBASE ON AMAZON WEB SERVICES WAS THE BEST CHOICE TO BUILD THE MESSAGING SYSTEM THAT UNDERPINS HOW OUR USERS ENGAGE WITH EACH OTHER.”

—MANISH SINHA, VP OF ENGINEERING

Available on AWS, Couchbase arms businesses with a more scalable, high-performance, and cost-effective approach to data management for web, mobile, and IoT apps. Easy to find, purchase, and immediately use, Couchbase on the Amazon Web Services Cloud allows enterprises to quickly develop, deploy, and scale more engaging customer experiences.

COUCHBASE ON AWS KEY FEATURES:

- Memory-first architecture
- High availability/disaster recovery and load balancing
- Multi-master, multi-region for optimal performance
- Flexible data model with full SQL on JSON
- Couchbase on AWS allows deployment in less than five minutes
- Couchbase Autonomous Operator for Kubernetes enables native deployment in Kubernetes
- Couchbase Managed Cloud allows you to run Couchbase as a fully managed stateful database application on AWS

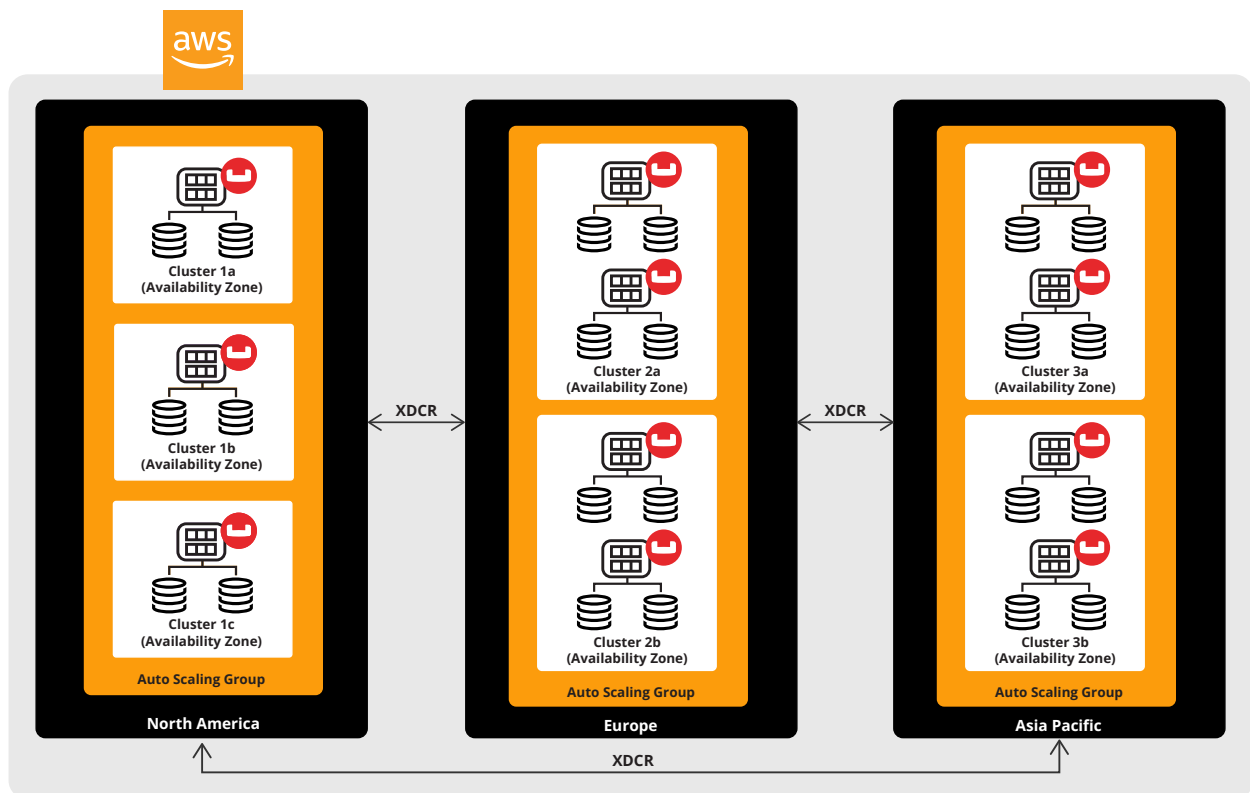


Figure 1: Reference Architecture on AWS showing highly available Couchbase clusters deployed across different zones within a region with XDCR replicating between regions.





User profiles for hundreds of millions of accounts



Always-on messaging for 12% of the world's mobile devices



Global CMS for 3,000+ contributors and >100M visitors per month



Retail parcel collection and delivery for over 70 locations

Gain unequalled agility and performance for your AWS deployment

FASTER TIME TO MARKET

With the cloud as your development environment, there's no need to wait months for hardware purchases, setup, and provisioning. Couchbase enables you to develop and deploy your application to AWS quickly and with full confidence.

DEPLOY YOUR DATA ANYWHERE, ANYTIME

Couchbase on AWS gives you flexibility to deploy globally 100% in the cloud or in a hybrid environment. Enterprise-grade security and fast, efficient bidirectional synchronization of data from the edge to the cloud. At the same time, simplify development with a consistent programming model for building web and mobile apps.

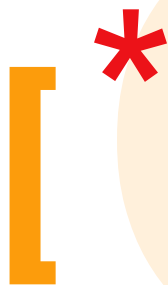
SCALE ON DEMAND TO MEET CHANGING DATA WORKLOAD

With "utility model" pricing for Couchbase on AWS, expand as needed to support applications on demand or to reach regions with a growing user base. You can easily scale Couchbase with just a few clicks, bringing up new cloud instances or removing existing ones, all with zero downtime to your database or applications.

LEARN MORE

To learn more, contact your Couchbase sales representative today or visit:

www.couchbase.com/partners/amazon
www.couchbase.com/downloads



Modern customer experiences need a flexible database platform that can power applications spanning from cloud to edge and everything in between. Couchbase's mission is to simplify how developers and architects develop, deploy and consume modern applications wherever they are. We have reimagined the database with our fast, flexible and affordable cloud database platform Capella, allowing organizations to quickly build applications that deliver premium experiences to their customers—all with best-in-class price performance. More than 30% of the Fortune 100 trust Couchbase to power their modern applications.



For more information, visit www.couchbase.com and follow us on Twitter.
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