

Couchbase Capella™

A FASTER, EASIER, AND MORE FLEXIBLE CLOUD DATABASE PLATFORM

Benefits

- Easier data modeling and faster release cycles
- Scale more easily with high availability
- Less duplication and data sprawl
- Always available mobile data
- Reduced operational and infrastructure costs

Capella provides Couchbase's distributed NoSQL database as a fully managed service, including mobile and IoT application services. It's the easiest and fastest way to begin with Couchbase and eliminate ongoing database management efforts.

Development Flexibility

Capella is a fully managed JSON document and key-value database, with SQL access and built-in full-text search, eventing, and analytics to easily support your many use cases, including ACID transactions.

High Availability and Automated Scaling


Easily add, remove, or change nodes to meet your current needs with no application changes needed. Guaranteed global reliability of your data throughout regions and availability zones via native replication across geo-aware, multicloud (AWS, GCP and Azure) clusters.

Mobile and IoT App Synchronization

Guarantees that mobile and IoT apps are always on, regardless of web connectivity and speed. Capella App Services can sync, store, query, search, and analyze at the edge.

Security Peace of Mind

Capella delivers end-to-end encryption from the SDK to the disk and offers granular role-based access control. Capella has successfully completed independent reviews for SOC II and HIPAA-related requirements.



Get off to an easy start with Capella by using SQL to query your JSON data. Capella delivers flexibility across your use cases with built-in multi-model and mobile synchronization capabilities. Its memory-first architecture drives millisecond data response at scale, resulting in the best price/performance of any fully managed document database.

Whether you're tackling development, architectural, or deployment challenges, there are many great reasons to future-proof with Capella.

Try it for free and be up and running in minutes.

How Couchbase Capella Is Different?

Fast

- Memory-first design
- Cloud-native scale
- Geo-replication via XDCR
- High availability, disaster recovery, and backup
- Low latency cloud to edge

Flexible

- JSON document
- Multi-model services
- Global cloud deployments
- Mobile and edge ready

Familiar

- SQL++ query language
- Dynamic schema
- ACID SQL transactions
- Cost-based optimizer
- SDKs for 12+ languages

Affordable

- Elastic scaling, sharding, and rebalancing
- Multi-dimensional scaling
- High-density storage
- Incredible price/performance





Get Started with Capella

- **Play:** Test out a few queries at Capella [playground](#)
- **Free trial:** [Sign up](#) for a free trial of Capella and be up and running in under 2 minutes. See how easy it is to use our SQL-based query language for our JSON document database
- **Step-by-step tutorial:** Our trial comes with an easy tutorial with many topics to get you started quickly
- **Free workshops and events:** [Meet](#) our team or join live instructor-led trainings to get all of your questions answered

Learn More

Contact your Couchbase sales representative today or visit:

- couchbase.com/products/capella
- cloud.couchbase.com/sign-up
- [Couchbase Academy](#)

Benefits for Developers

- Use across a wide variety of use cases and mobile needs
- Experience document database flexibility with the familiarity of an RDBMS
- Store data in JSON and model the application layer to fit the structure of code objects
- Query data using SQL, including ACID transactions, making Capella easy to learn and use
- Access data using over a dozen SDKs for your favorite programming language
- Get key-value requests in milliseconds from an integrated cache
- Include text search and analytics to applications out of the box
- Sync and store data in a powerful embedded database

Benefits for Architects and IT Leaders

- A distributed design that automatically shards and replicates data
- Eliminate a single point of failure and ensure high availability
- Gain incredible speed and price performance with a memory-first, shared-nothing architecture
- Scale nodes up and down with a few clicks
- Eliminate maintenance and update tasks
- Move data around the globe, and down to the device, with the security you need



Customer Case Studies



A builder of modern applications for clients, switched from alternative DBaaS to Couchbase Capella.

“With Couchbase Capella we have consolidated our infrastructure from three different products into one simplified platform. What used to take me 3 1/2 days to set up in our legacy hosted solution, I can now spin up in minutes.”

– **Jeremy Groh,**
Principal Engineer

Key benefits:

- **Faster deployment:** Minutes compared to over half a week
- **Multicloud capabilities:** More flexible options for their clients
- **Total cost of ownership:** Reduced by 50%
- **Speed:** Queries improved as much as 2,000%



A global leader in virtual world games and massively multiplayer online role-playing games (MMORPG), uses Couchbase Capella for greater developer agility. With Capella, Nexon achieved a faster time to market with its launch of Blue Archive, which was released worldwide in 2021. Capella’s high availability and distributed memory-first architecture delivers a consistent performance experience for players as game adoption grows.

“Harnessing the power of the cloud through Capella allowed us to deploy applications in multiple regions in parallel quickly and seamlessly. We’re thrilled to be working closely with Couchbase.”

– **Jae Beom Cho,**
Director of Game Infrastructure

Key benefits:

- Flexible data model while still using SQL
- Faster data access; large reduction of management efforts with improved uptime
- Launch new regions in about 20 minutes
- Controlled finite data geo-replication





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 @couchbase

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