



# Architecture Review

OPTIMIZE YOUR COUCHBASE DEPLOYMENT WITH EXPERT GUIDANCE

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## Key benefits

- **Best practices:** Ensure adherence to best practices across architecture design, data modeling, and post-production.
- **Customized advice:** Receive tailored recommendations aligned with your unique business needs, technical goals, and environment.
- **Couchbase expertise:** Use the deep NoSQL expertise of our Professional Services to ensure your systems are optimized for peak performance.
- **Reduced complexity:** Streamline your go-live process with proven methodologies that minimize complexity and ensure a smooth transition to production.

## Overview

Ensure the success and scalability of your application with Couchbase's **Architecture Review** service. Our experts will assess your existing and planned architectures, data models, applications, and operations and work with your team to optimize them. By collaborating closely with your architects and developers, we'll identify areas for improvement to help ensure your deployment aligns with Couchbase best practices and NoSQL design principles. This review will empower your team to optimize your environment, meet technical and business requirements, and ensure your application is fully ready for production.

## Engagement approach

The Architecture Review service is designed to provide a comprehensive assessment of your Couchbase environment. Our team will engage with you throughout the final stages of development, during preproduction, and even post-go-live to guarantee the successful deployment of your Couchbase environment. The engagement follows these stages:

### 1. Use case analysis:

- Conduct a deep dive into your application use case and overall system requirements.
- Our experts will gain a detailed understanding of your architecture to provide precise targeted recommendations for improvement.

### 2. Topology review:

- Assess your system's topology and capacity planning to ensure your Couchbase cluster is appropriately sized for anticipated production workloads.
- Review of cluster design to optimize scalability, performance, and reliability.



### 3. Application review:

- Evaluate your application's data model, queries, and overall architecture to ensure optimal design and performance.
- Suggest necessary changes to enhance performance and scalability based on Couchbase best practices.

### 4. Operations review:

- Analyze your monitoring strategy, high availability, and disaster recovery (HA/DR) plans and testing strategies.
- Ensure your operational processes are robust enough for production environments.

We'll initially meet remotely to understand your application's needs and your objectives for the review. Based on this discussion, we'll request any relevant prerequisites (such as architecture diagrams and configurations) to ensure a successful engagement. We'll then plan virtual or on-site engagement dates accordingly. All information you share will remain confidential and be used solely for providing architectural, data design, and sizing recommendations.

## Scope

The Architecture Review is customized for each use case or project to ensure the review process addresses your specific technical and business needs.

## Deliverables

Following the engagement, we'll provide a detailed custom report that includes:

- All recommendations that were discussed during the engagement.
- Additional observations and suggestions for improvements in your architecture, data model, or operational strategies.

## Expenses

Reasonable travel expenses and expenses for on-site activities will be billed separately and invoiced with a detailed report that includes receipts for transportation, accommodations, and any other costs incurred while performing the engagement.

## Learn more

To learn more about how Couchbase can assist with your upgrade or migration, please contact your Couchbase sales representative or visit our website: [www.couchbase.com](http://www.couchbase.com)

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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 run 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](http://www.couchbase.com) and follow us on X (formerly Twitter) @couchbase.

