

## Overview

Through the Design & Implementation service, Couchbase technical experts will develop a detailed design and sizing plan for the deployment of your Couchbase solution, ensuring that your Couchbase technology meets your specific business needs and environment. We'll provide the expertise and experience you need to deploy Couchbase solutions quickly and effectively while minimizing disruption to your existing technology environment. All of our services are delivered to a detailed scope of work by skilled architects who meet the highest standards in their area of expertise.

## Design

- **Discover** and identify all critical requirements and elements within your environment to define an appropriate solution.
- **Analyze** and validate the collected information to evaluate the project and develop multiple alternative solution designs.
- **Design** and finalize the design, product implementation plan, and solution standards such as object locations, naming conventions, and process definitions. The overall project plan is revisited and revised as needed.

## Implementation

Although Implementation service deliverables will vary according to the specific requirements of your Couchbase solution and the environment into which it is being installed, typical service elements include:

- Software installation, registration, activation, and configuration
- Deployment and configuration of the proposed nodes, clusters, and specific service features
- Use of cloud deployment best practices when implementing on cloud-based infrastructure (e.g., GCP, AWS, or Azure)
- Comprehensive configuration of system resources and testing of the entire installation
- Configuration of the monitoring configuration and assistance with thresholds and alerts
- Backup/recovery schedule determination and configuration
- Testing of solution components dependent on design (e.g., cross datacenter replication (XDCR) for HA and DR)
- Handover documentation for the solution, knowledge transfers based on roles, and verification of staff capabilities with the solution

## Engagement Approach

A typical Design & Implementation engagement follows these steps:

- We hold an initial meeting remotely to gain an understanding of your application and discuss the desired focus of the engagement.
- Based on the focus of the engagement, we request prerequisites such as architecture diagrams and configurations that will prepare us for the on-site engagement.
- Together, we plan on-site engagement dates and discuss logistics.
- The on-site engagement begins. All discussions are confidential, and information is collected only to help with architecture, data design, and sizing recommendations.

### Scope

Design and implementation will be scoped with you separately, and we'll produce a statement of work (SOW) to capture the objectives, scope, and deliverables required.

### Expenses

Reasonable travel and expense costs incurred in conducting on-site activities at your site shall be billable to and paid by you upon receiving an invoice with an expense report and receipts.

## Learn More

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

[www.couchbase.com](http://www.couchbase.com)

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## About Couchbase

Unlike other NoSQL databases, Couchbase provides an enterprise-class, multicloud to edge database that offers the robust capabilities required for business-critical applications on a highly scalable and available platform. As a distributed cloud-native database, Couchbase runs in modern dynamic environments and on any cloud, either customer-managed or fully managed as-a-service. Couchbase is built on open standards, combining the best of NoSQL with the power and familiarity of SQL, to simplify the transition from mainframe and relational databases.

Couchbase has become pervasive in our everyday lives; our customers include industry leaders Amadeus, American Express, Carrefour, Cisco, Comcast/Sky, Disney, eBay, LinkedIn, Marriott, Tesco, Tommy Hilfiger, United, Verizon, as well as hundreds of other household names. For more information, visit [www.couchbase.com](http://www.couchbase.com).

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