

Cloud Readiness Review

Overview

Before launching your project using Couchbase Capella, ensure its success by engaging Couchbase experts to review your application architecture and public cloud account to confirm their readiness for a Capella DBaaS deployment.

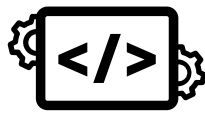
The Cloud Readiness Review is intended for projects where there is an understood and well-defined use case with ongoing design and architecture phases, or to review and validate an existing after a use case has been deployed.

The engagement includes a review of existing and planned architectures, applications, data modeling, and operations. Our consultants will work with your architects, developers, and DevOps team to assess your Couchbase environment and determine, according to Couchbase best practices and NoSQL design principles, the changes required to successfully meet your business and technical requirements.



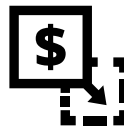
DELIVERABLE

We'll provide a written report that includes all recommendations we reviewed with you onsite, plus any additional recommendations.



SCOPE

The engagement will be restricted to one Couchbase use case or project deployment.



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.

ADDITIONAL SERVICES AVAILABLE



MIGRATION SERVICES

We can help migrate existing clusters into the Capella.



DEVELOPMENT AND TEST ENVIRONMENT CONFIGURATION

Specifically, this engagement includes

USE CASE ANALYSIS

- A review of the application use case and overall system requirements. This allows the Couchbase team to understand the use case in much greater detail and to provide targeted architectural recommendations.

DATA AND DOCUMENT MODELING

- A review of the planned document modeling approach is followed by a document modeling exercise based on the application data access requirements (key/value, index query, search, eventing, analytics).
- Best practices for JSON document management strategies (embed vs. non-embed, schema versioning).

OPERATIONAL PRACTICES AND TOPOLOGY REVIEW

- Couchbase experts review your Capella deployment, including settings, system resources and tunables, bucket configurations, indexes (GSI and views), N1QL and analytics queries, eventing functions, and XDCR configurations.
- Review the connected public cloud in the Capella and the stack resources it has created.
- How to back up data in Capella.
- How maintenance activities and version upgrades are approached in Capella.
- How to secure your Capella cluster.
- Review the organization users and the project users in Capella.

SIZING EXERCISE

- We use the information gathered in prior sessions to ensure that your throughput and latency requirements are met for all your Couchbase clusters.
- Map recommended sizing to the different node types in Capella.
- Review the Multi-Dimensional Scaling (MDS) deployments approach in Capella.
- Review server groups and setup for resiliency and high availability.
- Review the name spaces and Couchbase clusters created for the project.

ENGAGEMENT APPROACH

A typical Cloud Readiness Review 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 and the public cloud being used (AWS, Azure, GCP), 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, information is collected only to help with architecture, data design, and sizing recommendations.



How to Contact the Professional Services Team:

Contact Services

Email us at:
services@couchbase.com

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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