

Lucidworks Couchbase Connector for Apache Lucene/Solr

Connect your Couchbase instance to the most powerful search and analytics software in the world.

Lucidworks' Solr connector for Couchbase Server streams real-time data between Couchbase Server and Solr, the world's most popular open core, open source, search and analytics engine. Couchbase and Solr combined help customers store and analyze massive amounts of data and build rich enterprise-grade applications.

Couchbase Server provides:

- Easy scalability
- Low-latency document access
- Indexing and querying of JSON documents
- Real-time analytics with incremental MapReduce

Solr provides:

- Distributed full-text search and analytics engine
- Linearly scalable, auto index replication, auto failover and recovery
- Relevance-based queries with features like boosting and faceted filtering

Features of Lucidworks Solr Connector for Couchbase Server

Continuous real-time replication

The Connector continuously transfers data to Solr after data is written to disk on Couchbase. The search index on the Solr cluster is always kept up-to-date with the data in Couchbase.

Topology awareness

If a Couchbase node or Solr server goes down or if new servers are added, the updated cluster topology information is obtained and replication continues to the available servers in the destination cluster.

Efficient recovery from network failures

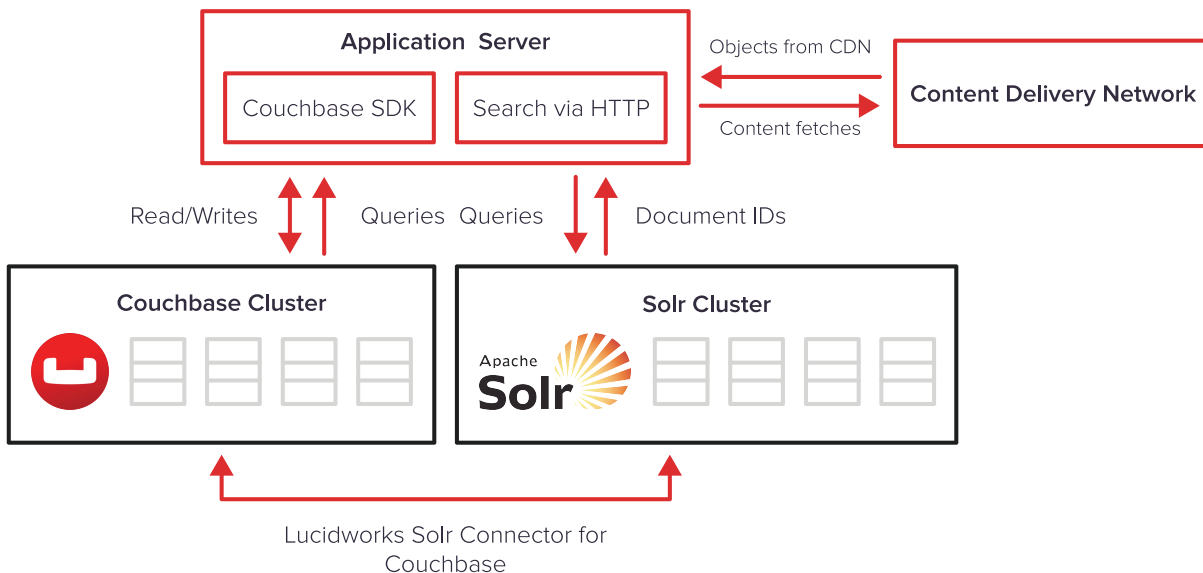
The Connector intelligently tracks the state of what data is replicated from Couchbase to Solr. If data transfer is interrupted due to intermittent network connection failures, it resumes from where it left off.

Linear Scale

The combined solution scales linearly to accommodate your organization's ever-growing collection of data with a reliable, stable platform.

How Does It Work?

Setup is simple with the Solr Connector installed on the Solr cluster, with unidirectional cross datacenter replication from Couchbase Server to Solr. Document changes made in Couchbase are propagated to Solr through the Connector. Direct document lookups are done in Couchbase and full-text searches are routed to Solr. Based on application requirements, Couchbase and Solr clusters can scale independently, having a different number of servers in each cluster.



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couchbase.com

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About Lucidworks

Lucidworks builds enterprise search solutions for some of the world's largest brands. Fusion, Lucidworks' advanced search platform, provides the enterprise-grade capabilities needed to design, develop, and deploy intelligent search apps — at any scale. Companies across all industries, from consumer retail and healthcare to insurance and financial services, rely on Lucidworks every day to power their consumer-facing and enterprise search apps.