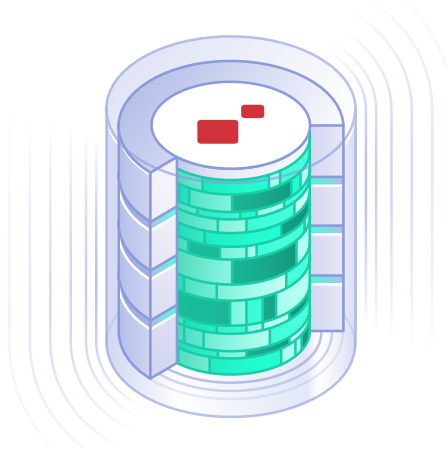


MarkLogic Multi-Model Database

MarkLogic Server is a multi-model database that has both modern NoSQL and trusted enterprise capabilities to build transactional and analytical applications. The database scales to Petabytes, is fully transactional with zero data inconsistency, is the most secure of any modern database, and is deployable in any environment. With these capabilities, it powers the MarkLogic Data Hub, our data integration platform for ingestion, curation, and access.



Modern NoSQL Capabilities

- **Multi-Model** – MarkLogic natively handles JSON documents, XML documents, and semantic graphs (RDF triples). Users can also build and query relational views on top of the document model. This all happens with a unified, consistent back-end
- **Built-in Search** – Built-in full-text search based on immediate indexing provides fast data access and analysis
- **Scalable** – Scale horizontally in clusters on commodity hardware to hundreds of nodes and Petabytes of data

Trusted Enterprise Capabilities

- **Secure** – Fine-grained, role-based security at the document and level/property level enables more sharing with less risk
- **Highly Available** – Enterprise-class HA/DR so your data is always available and scheduled downtime is minimized
- **100% ACID** – Multi-document ACID transactions provide data consistency and high performance, even at massive scale

Release Timeline

MarkLogic 10 - 2019

- **Embedded Machine Learning** – Get direct access to high quality, curated, governed data for your machine learning models. Machine learning routines run close to the data, in parallel across a MarkLogic cluster, in a secure environment
- **Data services** – Speed up development with Data Services, which provide a high-performance, secure, fixed interface over the data managed in MarkLogic, expressed in terms of the consuming application
- Other features: Request monitoring, Granular graph security, Improved ODBC and BI, MuleSoft Connector, and Improved SQL analytics



MarkLogic 9 - 2017

- **Advanced Encryption** – Protects data from hackers and insider threats using standards-based cryptography, advanced key management and support for using an external KMS, and granular separation of duties
- **Element Level Security** – Allows specific properties or elements in JSON and XML documents to be hidden, providing an even more granular level of security than document level security
- **Redaction** – Prevents leakage of sensitive information to unauthorized users when importing, exporting, or copying data into and out of MarkLogic
- Other features: Entity services, Ops Director, Rolling upgrades, Telemetry, Compliance archive, Microsoft Azure support

MarkLogic 8 - 2015

- Native JSON storage, Server-side JavaScript, Bitemporal, Node.js client API, Incremental backup, Flexible replication

MarkLogic 7 - 2013

- Semantic graph (RDF Triple Store), Elasticity, Tiered storage, and MarkLogic Connector for Hadoop

MarkLogic 6 - 2012

- Improved support for SQL and BI tools, Java/REST/JSON, UDFs/Analytics, MarkLogic Content Pump (MLCP)

MarkLogic 5 - 2011

- Multi-statement and distributed ACID transactions, Point-in-time recovery, Enhanced search API, Monitoring Dashboard

MarkLogic 4 - 2008

- Advanced search, Monitoring, Alerting, Entity enrichment, Geospatial, Auditing, Improved HA/DR

MarkLogic 3 - 2005

- Continuing search improvements, Content Processing Framework (including PDF, Word, Excel, PPT), Failover

MarkLogic 2 - 2004

- Scale-out architecture, Enhanced search (stemming, thesaurus, wildcard), Backup and restore

MarkLogic 1 (Cerisent XQE Server 1) - 2001

- ACID transactions, Full-text search, XML Storage, XQuery, Role-based security

About MarkLogic

By simplifying data integration, MarkLogic helps organizations gain agility, lower IT costs, and safely share their data. Headquartered in Silicon Valley, MarkLogic has offices throughout the U.S., Europe, Asia, and Australia.

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