









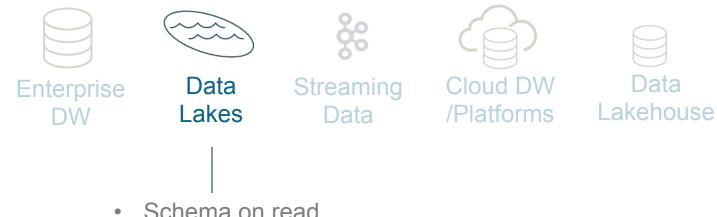
Structured

Brittle ETL processes



Data

Mesh





- Structured & Unstructured
- Complements DW





Data

Mesh









Streaming Data



Cloud DW /Platforms



Data Lakehouse



Data Mesh

- Publish and Sync
- Structured & Unstructured
- Stream Generation CDC









Data Lakes



Streaming Data



Cloud DW /Platforms



Data Lakehouse



Data Mesh

- Modeled data
- ELT with Pushdown SQL
- Structured... & Unstructured
- Warehouse Automation









Data Lakes



Streaming Data









Data Mesh

- Lake + DW
- ACID
- **Batch and Streaming**













Streaming Data



Cloud DW /Platforms





Data Mesh

- Decentralized
- Domain centric
- Consistency?
- **Emerging**





## **Evolving Data Architectures**









Streaming Data



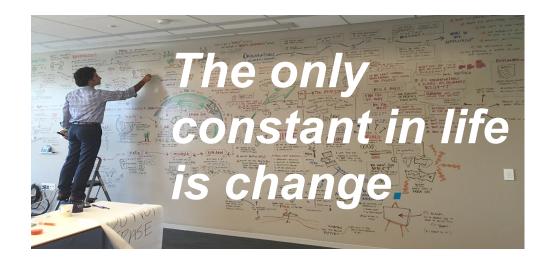
Cloud DW /Platforms



Data Lakehouse



Data Mesh







Data fabrics have emerged as an increasingly popular design choice to simplify an organization's data integration infrastructure and create a scalable architecture that reduces the technical debt seen in most D&A teams due to the rising integration challenge.

- Gartner

## **KEY CAPABILITIES OF A DATA INTEGRATION FABRIC**











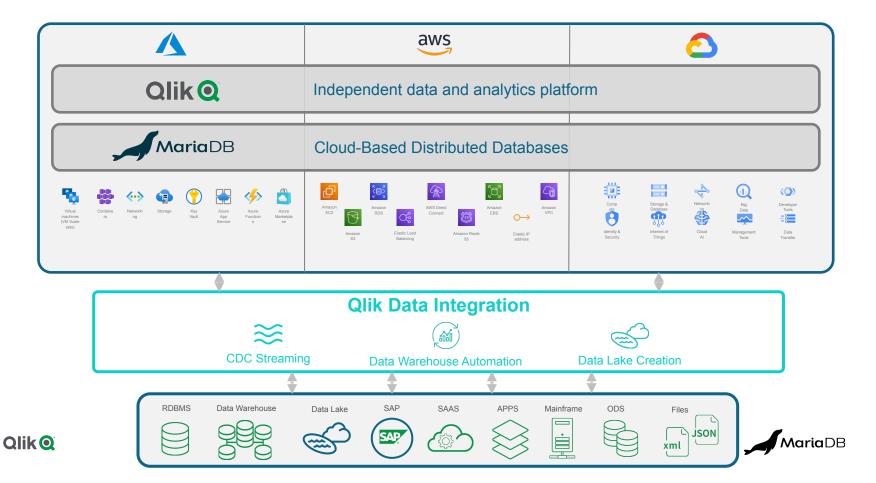


## **Data Integration Fabric**



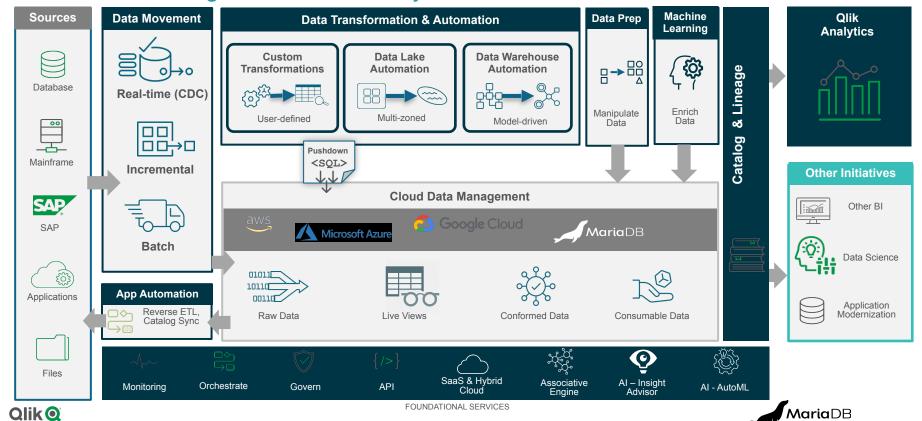


## DRIVING DIGITAL TRANSFORMATION



## **QLIK DATA INTEGRATION**

## Real-time data integration fabric for any data architecture



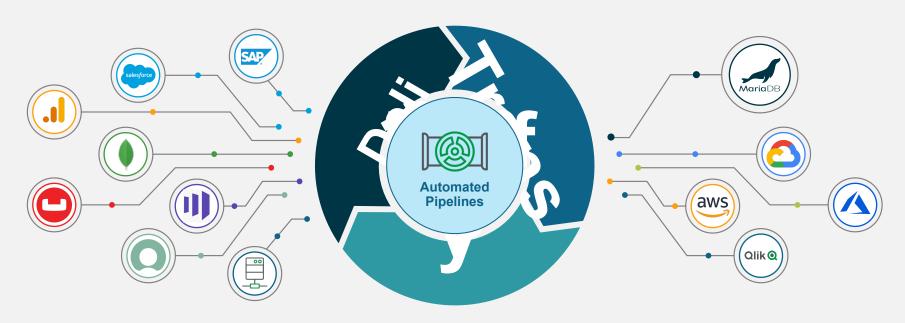
## **DEMO**





## **QLIK CLOUD DATA SERVICES**

Improve data timeliness, reliability and quality for downstream analytics



A powerful **data integration fabric** to help you **deliver**, **transform**, and **unify** enterprise data in **real-time** via flexible, governed, and reusable **data pipelines** 



# Qlik Q TO BE CERTAIN.



## MARIADB XPAND - MODERN DISTRIBUTED SQL

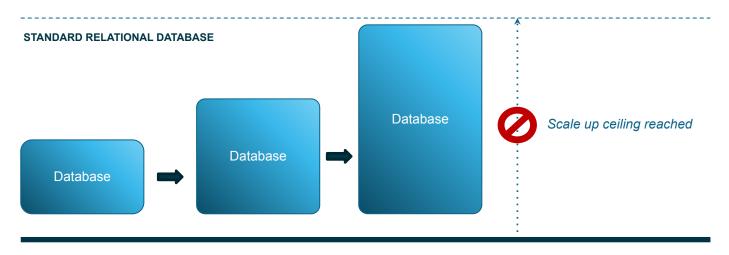
- Unlimited Scale
- Massive Throughput
- Indestructible Data
- Full ACID Compliance







## **UNLIMITED SCALE**



#### **DISTRIBUTED SQL DATABASE**



..... Unlimited scale out

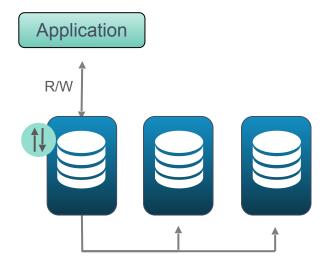




## PARALLEL PROCESSING

## **Traditional Cloud Database**

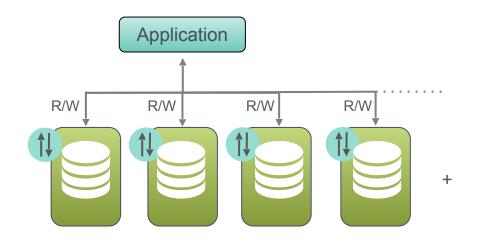
Single Primary Node



VS

## **Xpand Distributed Database**

R/W to All Nodes in Parallel







## **SAMSUNG**

Replaced an in-house sharding solution with Xpanc'

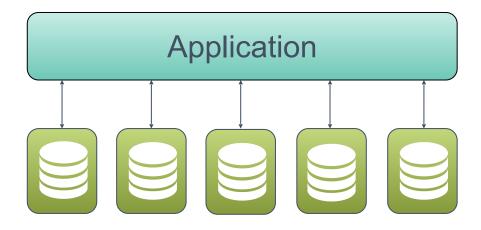
Used to manage hundreds of millions of customers' access to Samsung Cloud...

@500,000 transactions/second



## **CONTINUOUS AVAILABILITY**

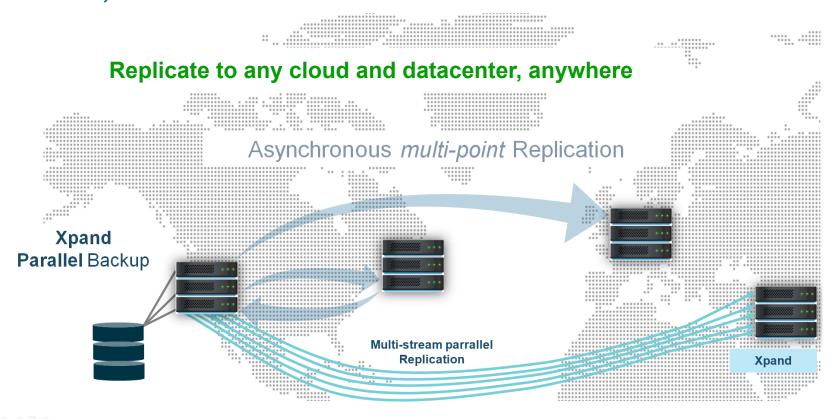
- Maintains HA
- Tolerates infrastructure failures
- Protect data within the cluster







## **BACKUP, REPLICATION & DISASTER RECOVERY**







## **BUSINESS VALUE - SCALE, ANALYTICS, AND AGILITY**

- Quickly and efficiently scale out OLTP
- Continuous Availability
- Real Time OLAP









Streaming our analytical data from SQL Server to MariaDB via Qlik was fast and easy.

...Qlik and MariaDB give us the ability to utilize our powerful new data lake for our data needs.

- Gina Hanks, Sr Director of IT





## TRY SKYSQL TODAY AND RECEIVE A \$500 CREDIT!

No credit card required to start MariaDB SkySQL. Discover how you could save up to 90% of your database cost today. It is the only cloud database that can take your business anywhere: Any cloud. Any workload. Any scale.

- Fully managed, pay-as-you-go database-as-a-service
- Transactions and multi-node data warehousing
- Scale-out distributed SQL for strong consistency and HA
- SkySQL is MySQL/MariaDB compatible for easy lift and shift
- Built on Kubernetes to support multicloud and hybrid

#### **NEW FEATURES**

- Remote monitoring for your on-premises databases
- Prometheus API support for integration of external, realtime alerts and monitoring
- New data logging capabilities for MaxScale, Enterprise Audit, Xpand and slow queries

#### SIGN UP OR SIGN IN TO SKYSQL

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Sign up or Sign in with GitHub

in Sign up or Sign in with LinkedIn

Or use your email address

Email

Next

## **NEXT STEPS**

Check out these sources to learn more about MariaDB

#### Take the free Qlik Test Drive

Go to <a href="https://www.qlik.com/us/trial/replicate">www.qlik.com/us/trial/replicate</a> to test drive Qlik today

## Try out Xpand on SkySQL

- Go to <u>cloud.mariadb.com/skysql</u> to start a trial
- Take a tour of the SkySQL Portal
- Chat with our experts on how Xpand can help you meet your SLAs

### Subscribe to <u>youtube.com/@mariadb</u>

 Find more videos on Xpand, SkySQL, and MariaDB



# THANK YOU

