HADAPT

The Adaptive Analytical Platform™
for BIG Data

- Tackle big data analysis in the cloud
- Analyze both structured and unstructured data in one platform
- Run SQL queries 50x faster

Hadapt's Adaptive Query Execution™ provides fast results— at any scale

Virtualized environments pose unique challenges for performing complex analytics on big data. The shared environment is economical, but unpredictable fluctuations in node performance and node availability results in poor performance for long queries. Restarting nodes or restarting queries is not the answer.
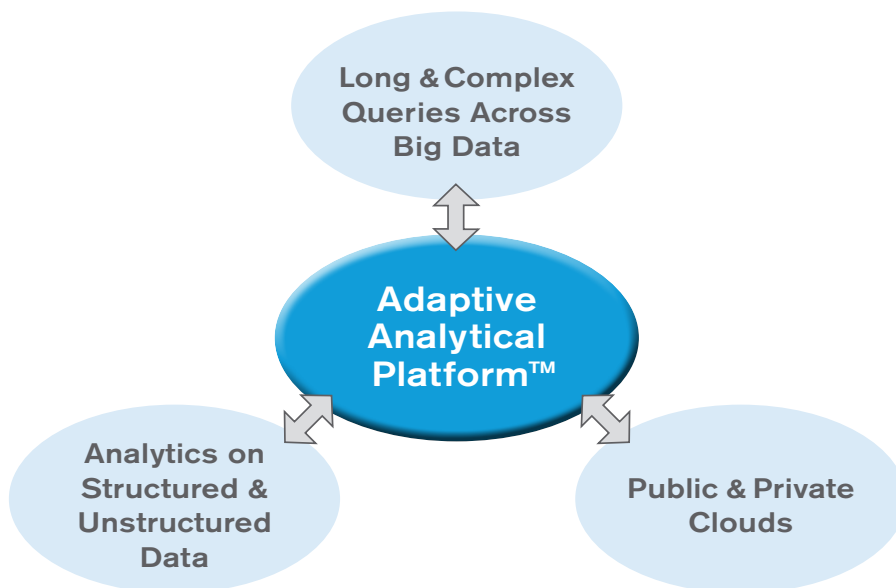
Hadapt's platform utilizes a patent-pending Adaptive Query Execution™ process to automatically load balance queries in virtualized environments.

More SQL support for easy integration with business intelligence tools

Hadapt offers greater SQL support than Hive. Use your favorite business intelligence tools while inheriting the advantages of Hadoop.
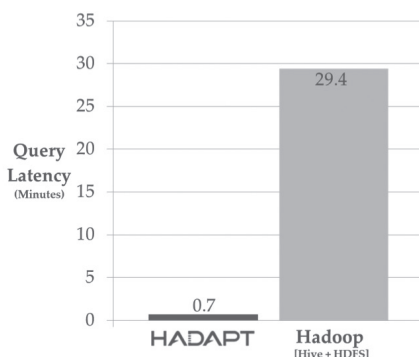
Big Data and the Need for an Adaptive Approach

Hadapt's Adaptive Analytical Platform™ delivers high performance analytics across structured and unstructured data in one cloud-optimized platform.
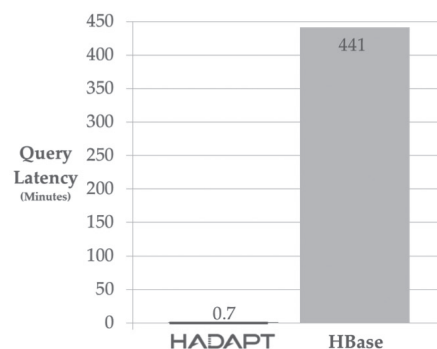
Long & Complex Queries Across Big Data

Adaptive Analytical Platform™

Analytics on Structured & Unstructured Data

Public & Private Clouds

What Took Hours Now Takes Seconds

Hadapt is the best way to perform complex analytics on structured data in Hadoop.

Query Latency (Minutes)

HADAPT 0.7

Hadoop [Hive + HDFS] 29.4

*Internal Benchmarking on a 40 node cluster, running typical data warehousing-style queries.
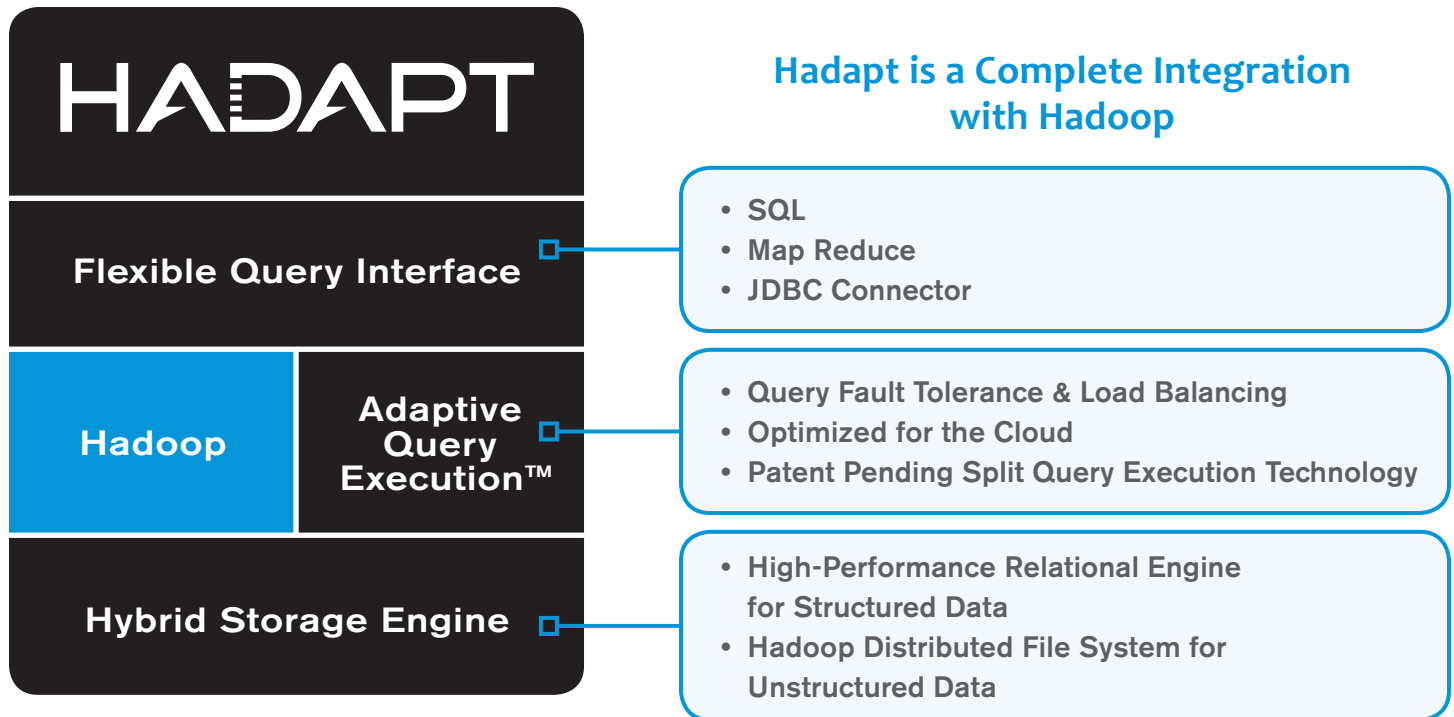
Query Latency (Minutes)

HADAPT 0.7

HBase 441

*Internal Benchmarking on a 40 node cluster, running typical data warehousing-style queries.

Hadapt's patent pending technology features a hybrid architecture that brings the latest advances in relational database research to the Hadoop platform. The result is SQL query results up to 50x faster than Hadoop with Hive, and over 600x faster than HBase.

No Connectors Required

Many analytical database vendors take a 'bolt on' approach to Hadoop, requiring two disparate systems—Hadoop for unstructured data and a separate relational database for structured data. Using connectors can introduce delays, create unintended data silos and increase your Total Cost of Ownership. Hadapt's Adaptive Analytical Platform™ requires no connectors. It is fully integrated with standard Hadoop distributions available today.

HADAPT

Flexible Query Interface

Hadoop

Adaptive Query Execution™

Hybrid Storage Engine

Hadapt is a Complete Integration with Hadoop

- **SQL**
- **Map Reduce**
- **JDBC Connector**

- **Query Fault Tolerance & Load Balancing**
- **Optimized for the Cloud**
- **Patent Pending Split Query Execution Technology**

- **High-Performance Relational Engine for Structured Data**
- **Hadoop Distributed File System for Unstructured Data**

Hadapt is Optimized for:

- Big data analytical applications running in virtualized environments
- Complex analytical workloads across structured and unstructured data
- Hadoop deployments needing significant performance gains & a more complete SQL interface
- Structured database applications where lower TCO & 'infinite' scalability are required

LET US HELP YOU ADAPT TO THE FUTURE OF BIG DATA ANALYTICS. PLEASE CONTACT US AT:

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