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Oracle Big Data SQL HOL

Subtitle

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Big Data SQL Goals

Easily access any data across big data stores

Provides a unified security model across the sources

Analyze all data using Oracle's rich SQL dialect

Fast performance using Big Data SQL Smart Scan

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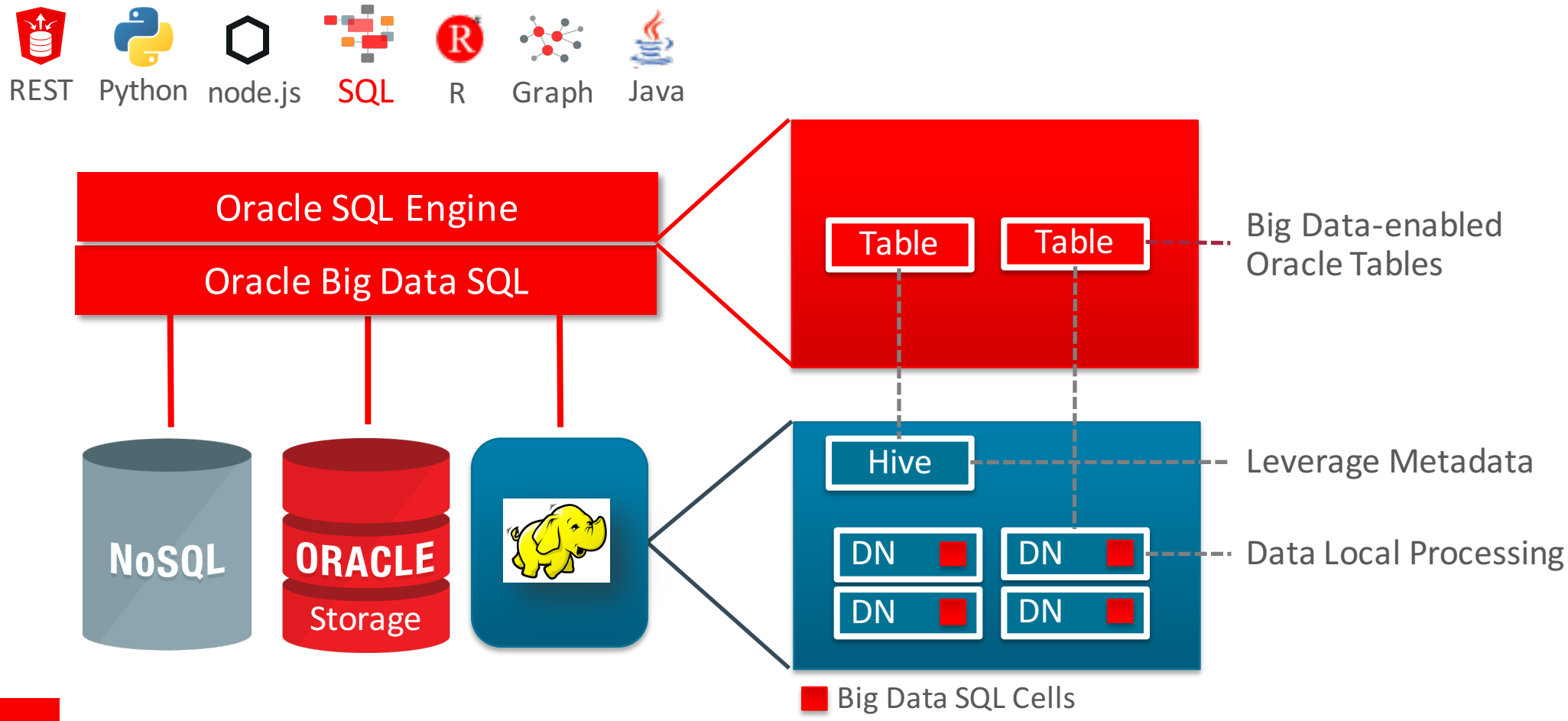
Big Data SQL Architecture



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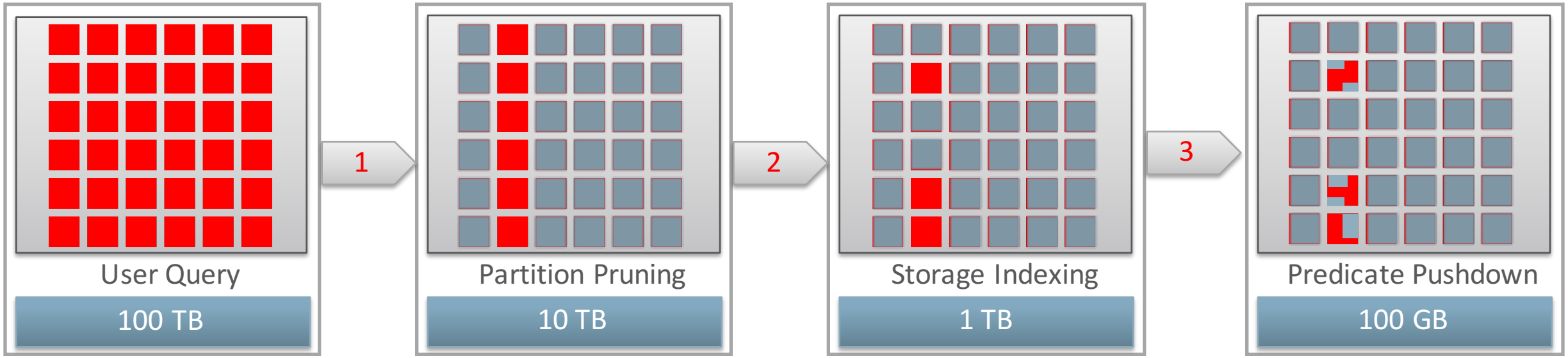
Big Data SQL Performance Features

Compound IO Reduction thru Smart Scans



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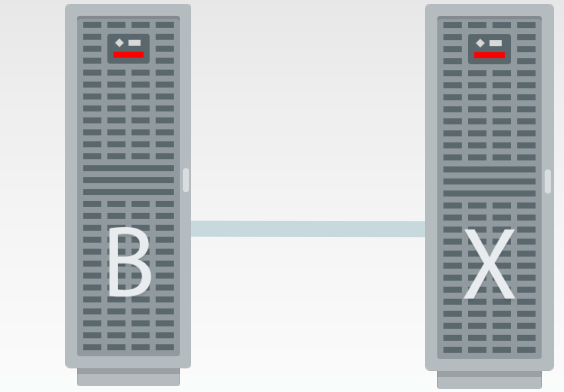
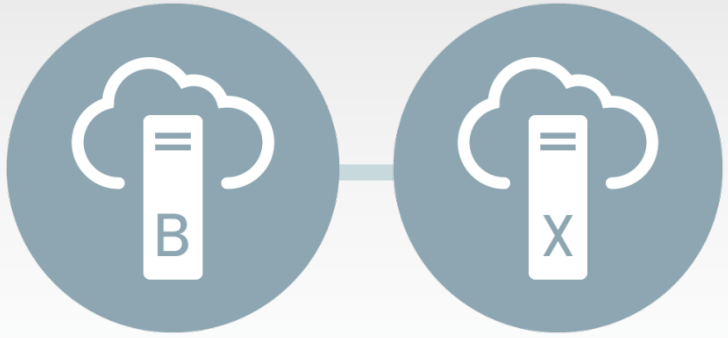
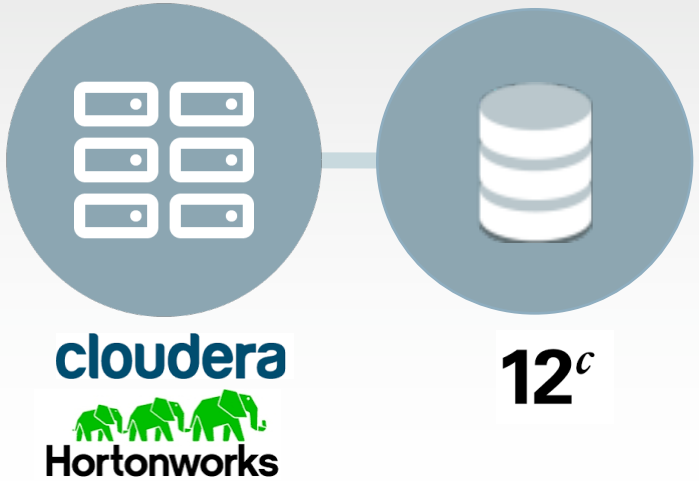
Flexible Deployment Options

Engineered Systems	Oracle Cloud	Commodity
		

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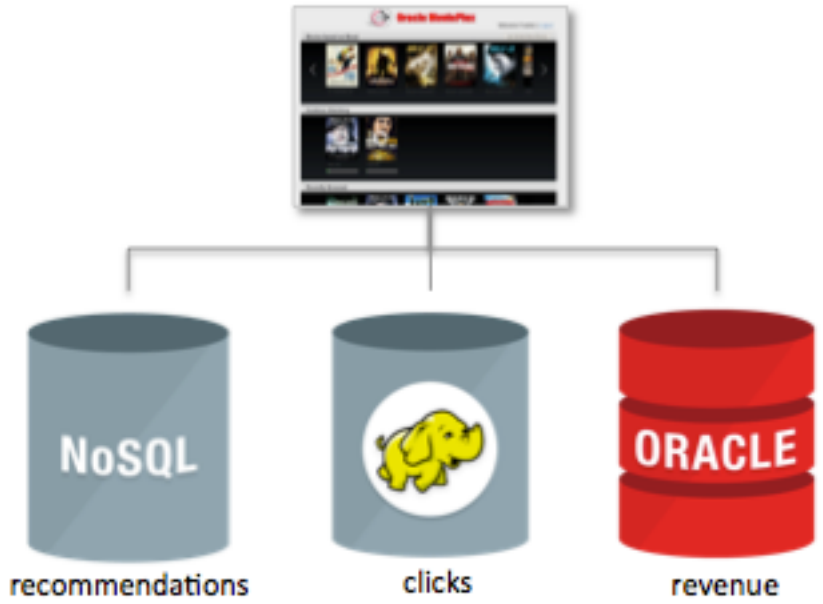
Scenario: On-line Movie Streaming Site



- Data sources
  - Recommendations in NoSQL DB
  - User behavior in HDFS
  - Data Warehouse in Oracle Database
- Gain value from all data!

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Hands-on Lab

- Part 1 – Query raw JSON data
- Part 2 – Leveraging Hive Metadata
- Part 3 – Review performance features
- Part 4 - Applying Oracle Database Security Policies Across the Big Data Platform
- Part 5 – Using analytic SQL to query all data

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For More Information

- OTN: Big Data Lite Virtual Machine (a free sandbox environment to get started): http://www.oracle.com/technetwork/database/bigdata-appliance/oracle-bigdatalite-2104726.html
- Oracle.com: https://www.oracle.com/big-data/index.html
- Big Data SQL Blog: https://blogs.oracle.com/datawarehousing/big-data-sql-2

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Integrated Cloud

Applications & Platform Services

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