

Cloudera Runtime 7.2.11

## Apache HBase

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# CLOUDERA

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# Contents

<b>Apache HBase overview.....</b>	<b>4</b>
-----------------------------------	----------

## Apache HBase overview

Apache HBase is a scalable, distributed, column-oriented datastore. Apache HBase provides real-time read/write random access to very large datasets hosted on HDFS.

As a natively non-relational database, Apache HBase can combine data sources that use a wide variety of structures and schemas. HBase is designed for resilient data storage and is intended for hosting very large tables with sparse data. Apache HBase can host big data tables because it scales linearly to handle very large (petabyte scale), column-oriented data sets. The data store is predicated on a key-value model that supports low latency reads, writes, and updates in a distributed environment.