

Cloudera Runtime 1.0.0

Configuring Apache Hive

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CLOUDERA

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Configuring Hive in Cloudera Data Warehouse

Configuring Hive performance in the Cloud is rarely, if ever, required relative to the extensive performance tuning typical in a bare metal environment. You might occasionally want to configure Hive properties unrelated to performance, such as HiveServer (HS2) administration or logging level properties.

About this task

Changing one of the vast array of configuration parameters from Cloudera Data Warehouse is recommended only when following Cloudera instructions. For example, you follow instructions in a compaction alert or the product documentation that describes the property and value to change, and how to do it.

In Cloudera Data Warehouse, if you have required permissions, you can configure Hive, Hive metastore, or HiveServer properties from a Database Catalog or Virtual Warehouse. In this task, you see how to change a property and add a property from the Database Catalog, and then from a Virtual Warehouse.

Before you begin

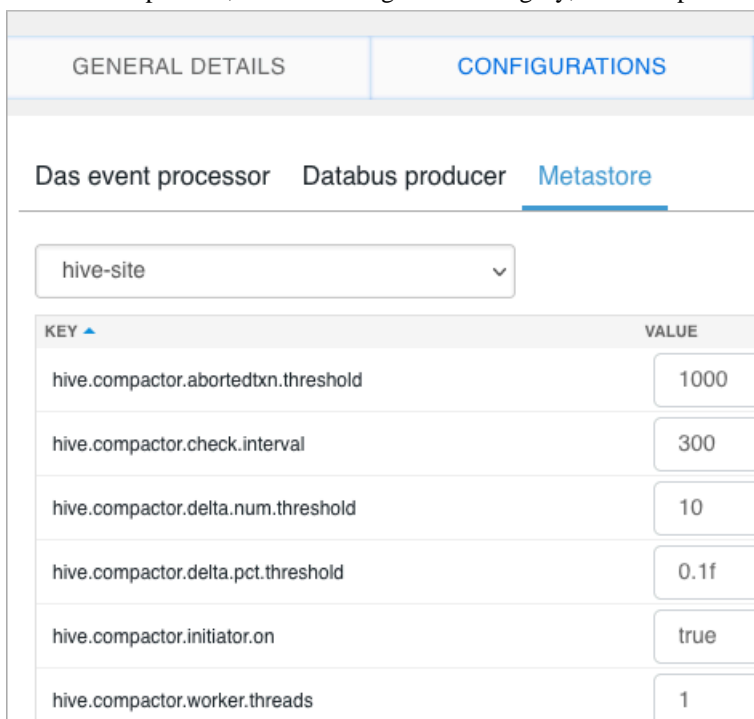
- You have the appropriate Admin role to make the configuration change.

Procedure

1.

Click  CDW Overview options  Edit Configurations Metastore .

2. From the drop-down, select a configuration category, for example hive-site.



GENERAL DETAILS	CONFIGURATIONS
Das event processor Databus producer <u>Metastore</u>	
hive-site	
KEY	VALUE
hive.compactor.abortedtxn.threshold	1000
hive.compactor.check.interval	300
hive.compactor.delta.num.threshold	10
hive.compactor.delta.pct.threshold	0.1f
hive.compactor.initiator.on	true
hive.compactor.worker.threads	1

3. Change, or set, the property value.

- Click + to add a property to hive-site, for example.

Add Custom Configurations ×

Single and double quotes are not supported yet
Enter key values delimited by =
Comma separated for multiple values

CLOSE ADD

- Enter the name of the property you want to add, the equals symbol, and one or more comma-separated values.
Do not use single or double quotation marks to enclose the property or value.
- Click Add.
- Save, and restart the Database Catalog.
- Click Virtual Warehouses, and select a Hive Virtual Warehouse.
- Click Actions Edit Metastore HiveServer2 .

SIZING AND SCALING CONFIGURATIONS

Das webapp Hiveserver2 Hue Query coordinator

hadoop-mapred-site ▼

10. Search for a specific property, or view categories of properties by selecting a category in the dropdown.

The screenshot shows the 'CONFIGURATIONS' tab in the Cloudera Data Warehouse interface. A dropdown menu is open, displaying a list of property categories. The category 'hive-kerberos-config' is selected and highlighted with a blue background and a checkmark. Other categories visible in the list include 'hive-site', 'hive-site-standalone-compute', 'hadoop-mapred-site', 'hive-log4j2', 'hive-beeline-log4j2', 'hive-atlas-config', 'tez-site', 'hive-llap-log4j2', 'hive-llap-log4j2-standalone-compute', 'hive-ranger-security', 'hive-ranger-audit', 'hive-ranger-policymgr', 'hadoop-core-site', 'hadoop-core-site-default-warehouse', and 'hive.auto.convert.sortmerge.join'. In the background, a table of configurations is partially visible, showing columns for 'KEY' and 'VALUE'. The 'KEY' column contains entries like 'hive-site', 'hive-site-standalone-compute', 'hadoop-mapred-site', 'hive-log4j2', 'hive-beeline-log4j2', 'hive-atlas-config', 'tez-site', 'hive-llap-log4j2', 'hive-llap-log4j2-standalone-compute', 'hive-ranger-security', 'hive-ranger-audit', 'hive-ranger-policymgr', 'hadoop-core-site', 'hadoop-core-site-default-warehouse', and 'hive.auto.convert.sortmerge.join'. The 'VALUE' column contains corresponding values like 'true', 'true', '1431655765', and 'true'.

KEY	VALUE
hive-site	true
hive-site-standalone-compute	true
hadoop-mapred-site	1431655765
hive-log4j2	true
hive-beeline-log4j2	
hive-atlas-config	
tez-site	
hive-llap-log4j2	
hive-llap-log4j2-standalone-compute	
hive-ranger-security	
hive-ranger-audit	
hive-ranger-policymgr	
hadoop-core-site	
hadoop-core-site-default-warehouse	
hive.auto.convert.sortmerge.join	