

Monitoring and auditing

Date published: 2020-08-14

Date modified: 2023-01-12

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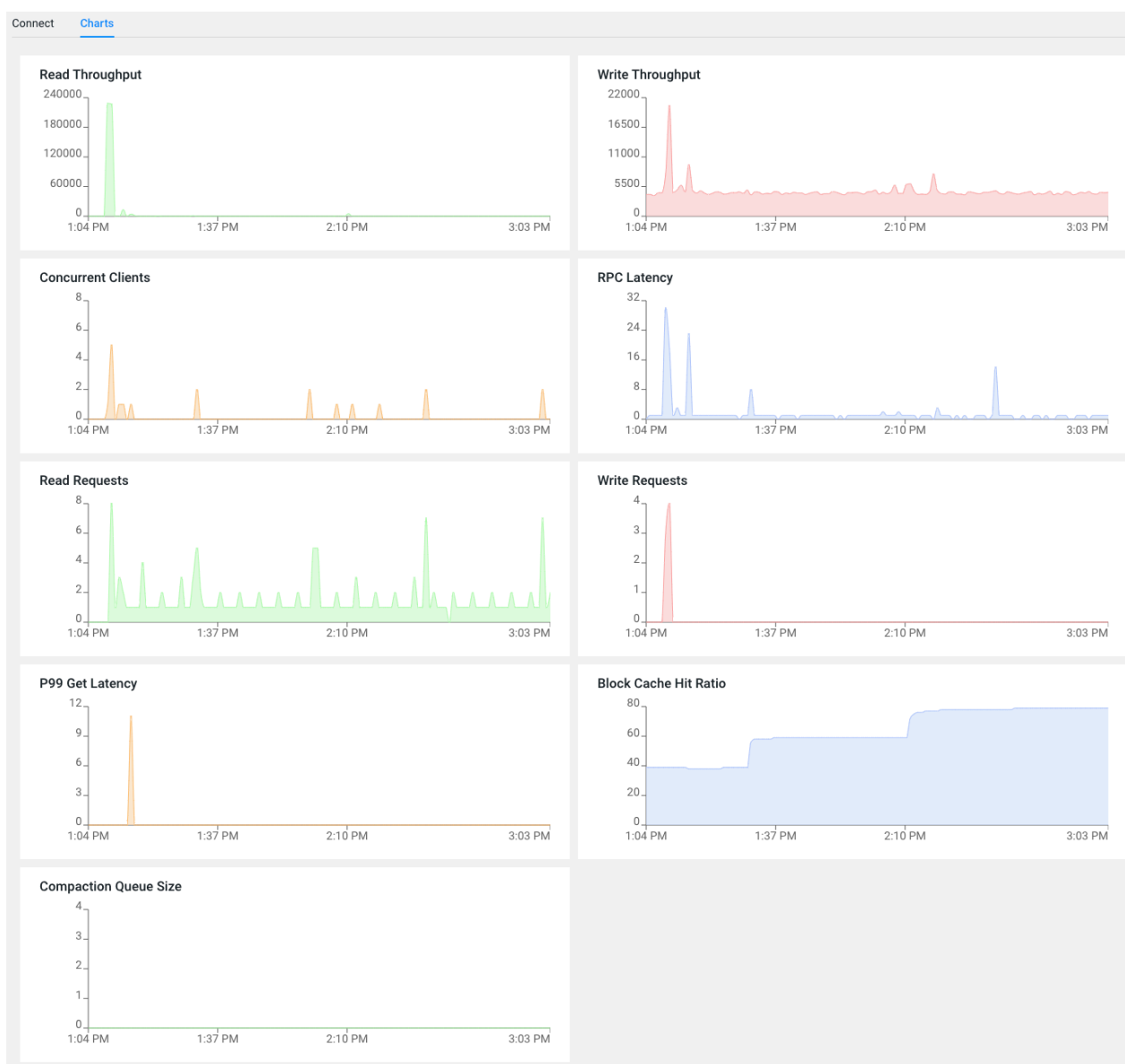
Monitor COD metrics

You can monitor your CDP Operational Database (COD) service using the charts in the COD user interface.

You can access the charts in the COD user interface. You have to navigate to [Databases Charts](#).

The charts provide you with the following information:

- **Read Throughput:** Read throughput over time. The throughput per node greatly depends on table cell size and data request patterns.
- **Write Throughput:** Write throughput over time.
- **Concurrent Clients:** Number of clients currently connected to the database.
- **RPC Latency:** Latency when receiving or sending bytes from the RPC in the RegionServer.
- **Read Requests:** Total number of read requests per second.
- **Write Requests:** Total number of write requests per second.
- **P99 Get Latency:** 99th percentile of Get operation latency.
- **Block Cache Hit Ratio:** The percent of the time that requests with the block cache turned on hit the block cache.
- **Compaction Queue Size:** Size of the compaction queue.



Query COD event log and audit events

Cloudera Operational Database (COD) logs and audits important events such as the COD CRUD operations and database access. You can query these audit events for a specific time interval.

Audit events give you an understanding of the COD operations during your specified time interval.

To view the event logs for a specific time interval, run the following command in the CDP CLI:

```
$ clients/cdpcli/cdp.sh audit list-events --from-timestamp yyyy-mm-ddT00:00:00Z --to-timestamp yyyy-mm-ddT00:00:00Z --event-source opdb
```

Note that you have to use the ISO-8601 standard timestamps format.

To view the command information and on-screen help, run the following command in the CDP CLI:

```
$ clients/cdpcli/cdp.sh audit list-events
```

The audit query result displays event details such as event name, time stamp, accountID, requestID, and result code. Some events do not display a success or failure result codes; these are simple events that indicate that an action succeeded.