

[Google BigQuery] HTAPI permission and performance

Last updated by | Veena Pachauri | Mar 8, 2023 at 11:23 PM PST

HTAPI leverage the BigQuery Storage API and thus can provide higher data throughput than the REST API.

Permission



minimum permission required:

permission
bigquery.readsessions.create
bigquery.readsessions.getData
bigquery.readsessions.update

recommended permission:

permission
bigquery.connections.*
bigquery.datasets.*
bigquery.jobs.*
bigquery.readsessions.*
bigquery.routines.*
bigquery.tables.*

Reference

- <https://cloud.google.com/bigquery/docs/access-control> 
- https://cloud.google.com/bigquery/docs/reference/storage/#enabling_the_api 

Enable or disable HTAPI

Enable HTAPI:

```
"EnableHTAPI": 1,
"HTAPI_MinActivationRatio": 0,
"HTAPI_MinResultsSize": 0,
```

Disable HTAPI:

```
"EnableHTAPI": 0,
"HTAPI_MinActivationRatio": 100,
"HTAPI_MinResultsSize": 100000000,
```

As for how to add these properties, please refer to [here](#).