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Activity Logs

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CLOUDERA

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Contents

Activity Log interface

In the Activity Log interface, note the following features that are common to both the *List view of Activity Log* and *Statistical View of Activity Log* of this interface:
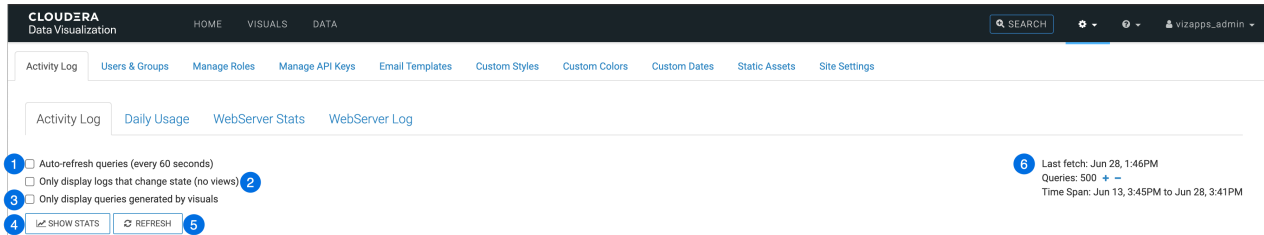
1. **Auto-Refresh queries**

    When you select this option, it automatically refreshes the information in this interface at regular intervals.

    The default refresh time interval is 60 seconds.

2. **Only display queries generated by visuals**

    This option limits reporting to actions on visuals.

    This means that logs do not report actions on datasets, connections, and analytical views.

3. **Only display queries generated by visuals**

4. **Show Stats / Hide Stats**

    The Show Stats / Hide Stats option toggles between showing or hiding statistics on activity logging.

5. **Refresh**

    The Refresh option starts off the refresh operation, not waiting for the auto-refresh.

6. **At the right, the page has the following information:**

    •   Last fetch

        This captures the timestamp at the time that the query was generated, such as April 16, 5:30 PM.

        Note the Refresh options.

    •   Queries

        This shows the number of queries reported.

        By default, this number is 500.

        Clicking on the Plus icon increases the number of queries by increments of 500.

        Clicking on the Minus icon reduces the number of queries by increments of 500.

    •   Time Span

        This reports the time interval covered by the log, such as Apr 16, 10:11 AM to Apr 16, 6:00 PM.

For details of each activity, see *List view of Activity Log*.

For a summary of activities by type, see *Statistical View of Activity Log*.

Related Information

List view of Activity Log
Statistical view of Activity Log

List view of Activity Log

Examine the list view of the activity log interface to obtain more detailed information.

1. **Time**

   The date and time of the activity, such as April 16, 6:00 PM.
2. **User**

   The username of the activity initiator.
3. **IP**

   The IP address of the Data Visualization instance that originated the request.
4. **Action**

   The type of event that generated the activity, such as View, Create, and Update.
5. **Component Type**

   The component of the activity, such as Dashboard, Data Connection, Dataset, Mixed, Snapshots, Thumbnail, or Workspaces.
6. **Component ID**

   The ID of the component.
7. **Visual**

   The ID of the visual that generates the activity. Click on this number to navigate to the visual.
8. **Dashboard**

   The ID of the dashboard that generates the activity. Click on this number to navigate to the dashboard.
9. **Dataset**

   The ID of the dataset that generates the activity. Click on this number to navigate to the Dataset Detail interface for that dataset.
10. **Connection**

    The name of the data connection for the activity. Click on this name to navigate to the Datasets interface for that connection.

11. Type

The type of connection, such as arcengine, impala, hive, and so on.

12. Fallback

If the connection is of arcengine type, you can have a fallback engine enabled. For example, the second row shows that Dashboard ID = 500 uses the fallback option. Typically, the value of this column is N/A.

13. Cache

This column indicates whether the query was served from the cache; values are true or false.

14. Cache Check

This column indicates that served the query from the cache after checking the base data to confirm that no changes occurred between the cache capture and the time the query ran in the cache. Values are true or false.

15. Aview Used

This column indicates if the query execution used an analytical view; values are Yes, No, or N/A.

16. Runtime

The duration of the activity, in seconds.

17. State

The completion status of the query, such as Done, if it is running, or if it is in an error state.

18. Error

This column shows if there is an error in any of the actions.

19. Query

You can examine the SQL statement for each query event.

By default, hides the SQL statements. To see all statements, click the Plus icon under the column title Query. To hide all statements, click the Minus icon. To see only specific queries, click Show SQL in the specific row.

For example, this is the SQL statement for the first Dashboard (component ID=500):

```
SELECT cast(((((TA_0.'duration') - 0.007558) / 1.5571718) as bigint) as '
Buckets', sum(1) as 'Record Count'
            FROM 'default'.'historical_queries' TA_0 WHERE TA_0.'start_d
ate' = to_date(date_sub(now(), interval 1 Days))
            GROUP BY 1
            LIMIT 5000
```

Statistical view of Activity Log

Examine the statistical view of the activity log interface to see the statistical summary of the activities by object type.
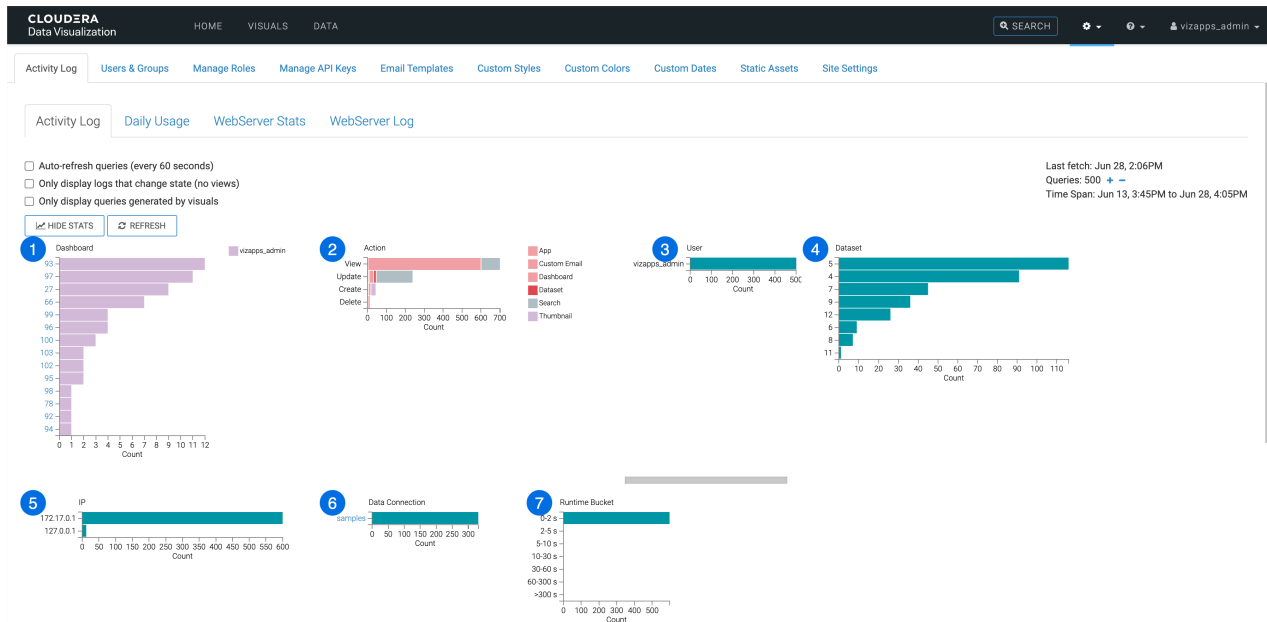
1. **Dashboard**

   This horizontal bar chart shows the most frequently accessed dashboards.

   Note that they are listed by ID, may be clicked to navigate to the dashboard that opens in another browser tab, and that the legend shows the IDs of the datasets where the requests run.

   Hovering over a bar shows the detail of each dashboard: dashboard ID, activity count, dataset ID, and dataset name.

2. **Action**

   This stacked bar chart breaks down the requests by type along the vertical axes, such as View, Update, Create, and Others. The individual components of each bar and the legend show the breakdown by component type: Dashboard, Data Connection, Dataset, Mixed, Snapshots, Thumbnail, or Workspaces.

   Hovering over a bar shows the detail of each action: type of action, activity count, and component.

3. **User**

   This simple bar chart reports on all users who initiated an action.

   Hovering over a bar shows the detail of each user: user name, and activity count.

4. **Dataset**

   This horizontal bar chart shows the most frequently accessed datasets.

   Hovering over a bar shows the detail of each dataset: dataset ID, activity count, dataset ID, and dataset name.

5. **IP**

   This simple bar chart reports the server addresses that host the action.

   Hovering over a bar shows the detail of each IP: IP, and activity count.

6. **Data Connection**

   This simple bar chart reports the activity on each live data connection.

   Hovering over a bar shows the detail of each connection: data connection name, and activity count.

7. **Runtime Bucket**

   This chart is a histogram of possible run times: each bar represents a 'bucket' of duration times.

   Hovering over a bar shows the detail of each grouping: the execution time range that each bucket represents, and the activity count.

Note that when you switch to this view, the traditional list view still appears on the interface; You can see it when you scroll down in the browser window.