

Enable record queries for custom metrics

Published: 2024-04-12

Custom metrics are typically created to collect specific information about your environment. You can configure settings that enable you to query and retrieve transaction-level records associated with a custom metric. In the Metric Catalog, the Record Relationships section enables you to associate a custom metric with a record type. If you queried for records from that custom metric, you would return results for all records of that record type, regardless of the other attributes configured for your custom metric. We recommend that you add filters to return meaningful results for your record queries.

By setting a source filter in the Metric Catalog, you automatically filter records by the source that you drilled down from. For example, if you select a checkbox next to Server, when you query for records for this custom metric from a web server named `example-web-sea`, a filter is automatically added to your query that only returns results for transactions where `example-web-sea` is acting as the server.

By setting advanced filters, you automatically filter records by the specified criteria. Advanced filters are complex and can be nested to four levels.

Before you begin

[Create a custom metric](#)

1. Log in to the ExtraHop system through `https://<extrahop-hostname-or-IP-address>`.
2. Click the System Settings icon  and then click **Metric Catalog**.
3. In the upper left corner, type the name of the custom metric and then click the custom metric name in the results. Parameters for the custom metric appear in the right pane.
4. In the right pane, scroll down to the Record Relationships section and click the RECORD TYPE drop-down list.
5. Click one or more record types in the list and then click outside of the list to apply your selections. Additional options to filter record fields appear below the selected record types.

Specify the source filter for this custom metric. Source filters are updated based on record type.

Add advanced query rules or a regular expression (regex).

Record Relationships

Select a record type for this custom metric. Then, add filters to return only the records that you want to see when you drill down on this metric from a chart or table.

RECORD TYPE

HTTP
▼

SOURCE FILTER 

Client

Server

ADDITIONAL FILTERS 

Match any ▼

Method ▼

=

POST

✕

Add Filter

Add Group

6. Optional: In SOURCE FILTER section, select the checkbox next to the source type, such as Client or Application. These sources dynamically update based on the selected record types.

7. Optional: In the ADDITIONAL FILTERS field, specify multiple criteria with OR (Match Any), AND (Match All), and NONE operators to create an [advanced query filter](#) or enter a [regular expression \(regex\)](#) to filter records for custom detail metrics.
8. Click **Update**.

You can now query for records from any chart or detail page with the custom metric.

Next steps

- Create a record query for your custom metric by clicking the metric in a chart and then clicking **Records**.