


# Generate a geomap for a single device

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The ExtraHop system makes it easy for you to generate a geomap on-the-fly for a single device from a chart widget that contains the count metric you want to track. The ExtraHop system determines the originating IP address of each metric event and plots it to a regional data point on the geomap.

You can only generate geomaps from charts that display the total count for a top-level metric that can be drilled down by client or server IP address.


 **Note:** If the source of the metric you want to track is a device group or application, [you must create and configure a geomap through System Settings, assign it to the source, and then open it from the metric source page](#).

To learn about how geomaps work and what information is provided, see [Geomaps](#).

1. Log into the Web UI on the ExtraHop Discover or Command appliance.
2. Navigate to the chart that contains the count metric you want to map.
  - To go to a chart on a device protocol page, click **Metrics**, click **Devices** from the left pane, and then click the device you want.
  - To go to a chart on a dashboard, click **Dashboards**, and then click the dashboard you want.


 **Note:** If there is no chart that displays the count metric you want, [create a chart widget](#) and add it to a dashboard. Keep in mind that each source you add to the chart must be a device and each metric must be a count metric that can be broken down by IP address.

3. Click a metric label in the chart legend to open a context menu.
4. From the **Drill down by** list on the context menu, select the detail metric that you want to map.

 **Note:** If the count metric is configured to display a detail metric, the **Drill down by** list is not available, and you cannot generate a geomap from the chart.

You will navigate to the device page for that detail metric.

5. Click the **View on Map** button.  
The geomap opens in full-screen on a new browser tab so that you can view multiple geomaps at the same time.

 **Tip:** You can save or bookmark the geomap URL to quickly return to it.