

[Cloud Router](https://cloud.google.com/router/docs/) (<https://cloud.google.com/router/docs/>)

[Documentation](https://cloud.google.com/router/docs/) (<https://cloud.google.com/router/docs/>) [Guides](#)

Viewing metrics

Note: Stackdriver Monitoring in the Cloud Console is now Generally Available and the default experience. For a limited period of time, you also have the option to use the classic Stackdriver Monitoring console. For more information, see [Stackdriver Monitoring in the Cloud Console](https://cloud.google.com/monitoring/docs/monitoring_in_console) (https://cloud.google.com/monitoring/docs/monitoring_in_console).

Cloud Router publishes metrics to [Stackdriver Monitoring](https://cloud.google.com/monitoring/api/v3/)

(<https://cloud.google.com/monitoring/api/v3/>). For a list of metrics published for Cloud Router, see [Google Cloud metrics](https://cloud.google.com/monitoring/api/metrics_gcp#gcp-router) (https://cloud.google.com/monitoring/api/metrics_gcp#gcp-router).

Viewing metrics using the API

You can access these metrics by using the [Stackdriver Monitoring API](https://cloud.google.com/monitoring/api/ref_v3/rest/)

(https://cloud.google.com/monitoring/api/ref_v3/rest/).

Viewing metrics via Stackdriver dashboards

You can also create a [custom dashboard](https://cloud.google.com/monitoring/quickstart-lamp#gs-dashboards)

(<https://cloud.google.com/monitoring/quickstart-lamp#gs-dashboards>) in Stackdriver Monitoring by using these metrics. For more information about how to create a custom dashboard, see

[Managing dashboards through the console](https://cloud.google.com/monitoring/charts/dashboards)

(<https://cloud.google.com/monitoring/charts/dashboards>).

To create a custom dashboard, do the following:

1. In the Google Cloud Console, select **Monitoring**, or use the following button:

GO TO MONITORING ([HTTPS://CONSOLE.CLOUD.GOOGLE.COM/MONITORING](https://console.cloud.google.com/monitoring))

2. Select **Dashboards > Create Dashboard**.

3. Replace **Untitled Dashboard** with an appropriate name.

4. Click **Add chart**.

5. In the **Find resource type and metric** field, add **Cloud Router** as a resource and then a Cloud Router metric.

6. Change the chart **Title** or use the suggested title.

7. Use the **Filter** controls to restrict the view to only certain routers or sessions.

8. To add another metric, click **Add metric**.

9. Click **Save** to add the chart to your dashboard.

Some metrics are for the Cloud Router and some metrics are for a BGP session on a given Cloud Router. Cloud Router metrics are shown by **router-name** while BGP sessions metrics are shown as **router-name(bgp-name)**.

Except as otherwise noted, the content of this page is licensed under the [Creative Commons Attribution 4.0 License](https://creativecommons.org/licenses/by/4.0/) (<https://creativecommons.org/licenses/by/4.0/>), and code samples are licensed under the [Apache 2.0 License](https://www.apache.org/licenses/LICENSE-2.0) (<https://www.apache.org/licenses/LICENSE-2.0>). For details, see our [Site Policies](https://developers.google.com/terms/site-policies) (<https://developers.google.com/terms/site-policies>). Java is a registered trademark of Oracle and/or its affiliates.

Last updated December 13, 2019.