

Monitoring MCR

This topic describes how to view service logs and usage reports for a Megaport Cloud Router (MCR) in the Megaport Portal. This information helps you troubleshoot issues and monitor the status, activity, and performance of your MCRs.

For visibility into the traffic routing on an MCR, see [Looking Glass](#).

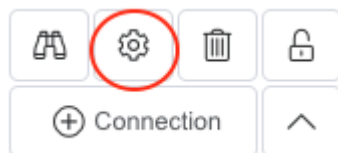
Megaport offers a public API that you can use to access the services available through the Looking Glass. For details, see [Megaport API](#).

Viewing service logs

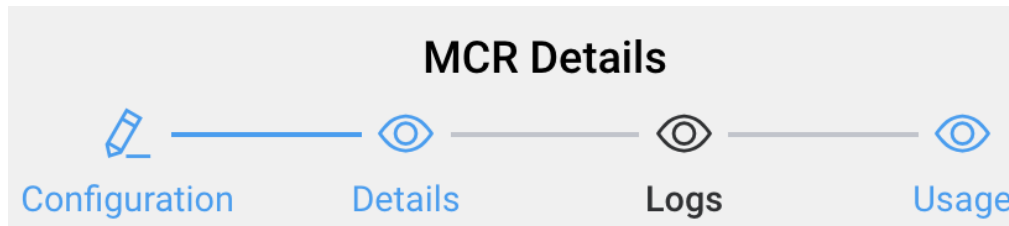
Viewing the Service Logs is a simple way to monitor the activity and performance of your MCRs. Megaport starts reporting metrics as soon as the MCR is live in the Megaport Portal.

To view service logs for an MCR



1. Log in to the [Megaport Portal](#) and choose Services.
2. Click the gear icon next to the MCR.



3. On the MCR Details page, click **Logs**.




The Service Logs page appears.

Service Logs	
No logs received in the last 24hrs	
 VRouter is Up: virtual router 2557 (syd-gs-vr-2-15) up	January 16th 2020, 5:18pm Pacific Daylight Time
 VRouter is Down: virtual router 2557 (syd-gs-vr-2-15) down at Global Switch Sydney - shutoff	January 16th 2020, 5:15pm Pacific Daylight Time

A green check mark indicates that the MCR is running as expected, or shows a non-critical event such as a speed change. A yellow warning icon indicates that there is a potential issue with the MCR.

Viewing usage details

The Service Graph provides helpful information such as inbound/outbound traffic and packet rates. The graph is also useful for comparing monthly usage on a MCR.

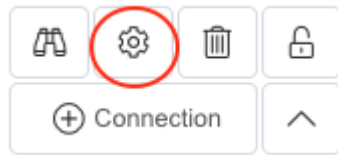
 **Note**

The Service Graph is updated every 5 minutes.

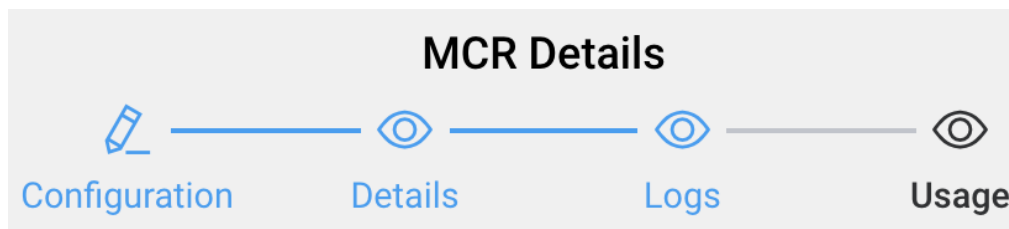
To view usage details for an MCR

1. Log in to the [Megaport Portal](#) and choose Services.

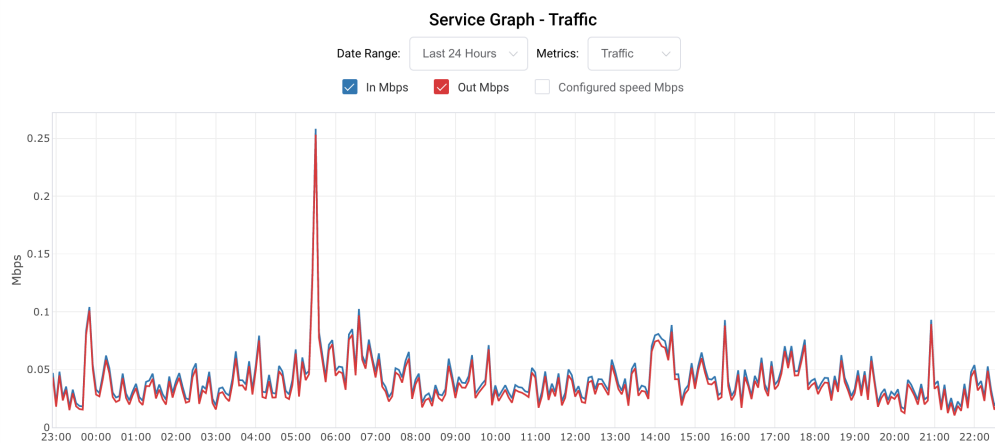
2. Click the gear icon next to the MCR.



3. On the MCR Details page, click Usage.



The Service Graph page appears, showing traffic by default.



4. Select a time range from the Date Range drop-down list.

You can view details from the last 12 hours, 24 hours, 7 days, or 4 weeks. The default time range is the last 24 hours.

5. Select a metric from the drop-down list to view usage details. You can view a graph for one metric at a time.

Metric	Description
Packets	In pps - Incoming packet rate to the MCR, measured in packets per second. Out pps - Outbound packet rate from the MCR, measured in packets per second.
Traffic	In Mbps - Number of inbound Megabytes per second. Out Mbps - Number of outbound Megabytes per second. Configured Speed Mbps - Configured speed of the MCR, in Megabytes per second.

You can customize the graph by selecting or deselecting the checkbox for metric details to show or hide data. To zoom to a particular area of the graph, place the mouse pointer over the graph, and then click and hold the left mouse button. Move the mouse left or right and release the left mouse button to zoom in. To return to the default view, double-click the graph. Use the mouse to hover over a specific data point to see the values and exact time stamp.

6. Click UTC or your local time zone to change the time zone.

For details on usage information and service logs for Ports, VXC's, and IXs, see [Monitoring Services](#). For billing information for MCR VXC's, see [Viewing Billing Details](#).

Last update: