

Template:Networking rut manual mobile traffic

The information in this page is updated in accordance with firmware version .

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Contents

- [1 Summary](#)
- [2 Mobile Traffic Usage periods](#)
- [3 Obtaining data usage values from command line](#)

Summary

The **Mobile Traffic** page contains graphs that display mobile data usage values over different periods of time.

This chapter of the user manual provides an overview of the Mobile Traffic page for {{{name}}} devices.

Mobile Traffic Usage periods

Different tabs of the Mobile Traffic section display mobile data usage values over different periods of time. This includes:

- **Today** - data usage values for the current day
- **Current Week** - weekly data usage values
- **Current Month** - monthly data usage values
- **Data Limit Period** - data usage values for the current data limit period (as set in the Network → Mobile → Mobile Data Limit page)
- **Total** - data usage for the entire monitoring period (since Mobile Traffic Usage Logging was enabled)

The figure below is an example of the weekly data usage graph:

[[File:{{{periods_file}}}|]]

Data usage graphs for other periods of time are essentially identical, with the exception that different time units (hours for daily usage, days of the week/month for weekly/monthly usage, months for total data usage) are displayed at the top of the graphs.

Take note that the **Delete all data** button (located in the bottom right corner of each graph) clears the entire data usage database, meaning that data usage values for **all periods** will be cleared and

the **data limit counter** will be reset.

Obtaining data usage values from command line

Mobile data usage values can be obtained via [command line interface](#) with the help of **mdcollectedctl**. The usage for this command is described bellow:

```
usage: mdcollectedctl OPTIONS
-cdayrx<SIM> | GET today RX
-cdaytx<SIM> | GET today TX
-clast24hrx<SIM> | GET last 24h RX
-clast24htx<SIM> | GET last 24h TX
-cweekrx<SIM> | GET this week RX
-cweektx<SIM> | GET this week TX
-pweekrx<SIM> | GET last seven days RX
-pweektx<SIM> | GET last seven days TX
-cmonthrx<SIM> | GET this month RX
-cmonthtx<SIM> | GET this month TX
-pmonthrx<SIM> | GET last month(30 days)
RX
-pmonthtx<SIM> | GET last month(30 days)
TX
-rx | GET current sim RX from
reset
-tx | GET current sim TX from
reset
-dayrx<SIM> <YEAR> <MONTH> <DAY> | GET entered day RX
-daytx<SIM> <YEAR> <MONTH> <DAY> | GET entered day TX
-monthrx<SIM> <YEAR> <MONTH> | GET entered month RX
-monthtx<SIM> <YEAR> <MONTH> | GET entered month TX
-fromtorx<SIM> <FROM_YEAR> <FROM_MONTH> <FROM_DAY> | GET RX from entered
date to today
-fromtotx<SIM> <FROM_YEAR> <FROM_MONTH> <FROM_DAY> | GET TX from entered
date to today
-fromtorx<SIM> <FROM_YEAR> <FROM_MONTH> <FROM_DAY> <TO_YEAR> <TO_MONTH>
<TO_DAY> | GET RX from entered date to entered date
-fromtotx<SIM> <FROM_YEAR> <FROM_MONTH> <FROM_DAY> <TO_YEAR> <TO_MONTH>
<TO_DAY> | GET TX from entered date to entered date
-clear | Reset collected data
-backup | Backup database
```

The <SIM> value can be omitted when using the command on {{{name}}} routers To print the usage helper list, use **mdcollectedctl --help**.

Examples:

- Get data usage value* for the current day:

```
root@Teltonika:~# mdcollectedctl -cdayrx
26558
```

- Get data usage value* for the current month:

```
root@Teltonika:~# mdcollectedctl -pmonthrx  
77701
```

* All received/sent data usage values are returned in **kibibytes (KiB)**, which is an ISQ standard accepted by most major standard organizations.

1 kibibyte (KiB) = 2^{10} bytes = 1024 bytes

1 mebibyte (MiB) = 2^{10} kibibytes (KiB) = 2^{20} bytes = 1 048 576 bytes

[[Category:{{{name}}} Status section]]