

Template:Networking rut manual graphs

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

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Summary

The **Graphs** page contains various graphs that display various statistical data changes in real time.

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

Mobile Signal

The **Mobile Signal Strength** graph displays mobile signal strength ([RSSI](#), measured in dBm) value changes over a period of 3 minutes. The figure below is an example of the Mobile Signal Strength graph:

[[File:{{{file_mobile_signal}}}}]]

Load

The **Realtime Load** section displays a tri-graph that illustrates average CPU load values in real time. The graph consists out of three color coded graphs, each one corresponding to the average CPU load over 1 (red), 5 (orange) and 15 (yellow) most recent minutes.

The figure below is an example of the Realtime Load graph:

[[File:{{{file_load}}}}]]

Traffic

The **Realtime Traffic** graphs provide users with the possibility to monitor average inbound and outbound traffic over the course of 3 minutes; each new measurement is taken every 3 seconds. The graphs consist out of two color coded graphs: the green graph shows the outbound traffic, the blue graph shows the inbound traffic. Although not graphed, the page also displays peak loads and averages of inbound and outbound traffic.

The figure below is an example of the Realtime traffic graph for the Bridge connection:

[[File:{{{file_traffic}}}}]]

	GRAPH	DESCRIPTION
Bridge		Cumulative graph, which encompasses wired Ethernet LAN and the wireless network
LAN		Displays traffic that passes through the LAN network interface(s) in graph form
WiFi		Displays traffic that passes through the WiFi interface in graph form
WAN (Wired) WAN (WiFi) Mobile		Displays traffic that passes through the current active WAN connection in graph form

Wireless

The **Realtime Wireless** graph displays the wireless radio signal strength, signal noise, average and peak signal levels and the theoretical maximum channel permeability. The graph below the WiFi signal graph displays the Phy Rate for the wireless connection.

The figures below are examples of both Wireless graphs:

[[File:{{{file_wireless_signal}}}}]]

[[File:{{{file_wireless_phy_rate}}}}]]

Connections

The **Realtime Connections** graph displays currently active network connections with the information about network, protocol, source and destination addresses and transfer speed. The table below the graph displays basic information on active connections.

The figures below are examples of both of the Realtime Connections graph and the corresponding table:

[[File:{{{file_realtime_con_graph}}}}]]

[[File:{{{file_realtime_con_list}}}}]]

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