Template:Networking rutxxx manual network

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Contents

Summary

The **Network** page contains information related to the device's networking features. This chapter is an overview of the Network page in {{{name}}} devices.

{{Template:Networking_rutxxx_manual_network_mobile_{{{mobile}}} | name = {{{name}}} | file_mobile = {{{file_mobile}}} }}

{{Template:Networking_{{{series}}}_manual_network_wan | name = {{{name}}} | file_wan = {{{file_wan}}} }}

LAN

The **LAN** section displays information about your Local Area Network and active DHCP leases.

LAN Information

The **LAN Information** section contains data on the router's LAN interface(s). The figure below is an example of the LAN Information section:

[[File:{{{file_lan_information}}}]]

Field	Description
Name	LAN interface name
IP address	Router's LAN IP address
Netmask	A **netmask** is used to define how "large" a network is by specifying which part of the IP address denotes the network and which part denotes the device
Ethernet MAC address	Router's LAN MAC address
Connected for	LAN interface uptime

DHCP Leases

The **DHCP Leases** section contains information on DHCP clients that hold active DHCP lease. The figure below is an example of the DHCP Leases section:

[[File:{{{file_dhcp}}}]]

Field	Description
Hostname	DHCP client's hostname.
IP address	DHCP client's IP address.
LAN name	LAN interface name through which the client is connected to the router.
MAC address	DHCP client's MAC address.
Lease time remaining	Remaining lease time for a DHCP client. Active DHCP lease holders will try to renew their DHCP leases after a half of the lease time passes. DHCP lease settings can be changed in the **Network → LAN → [[{{{name}}} LAN#General|DHCP Server]]** section.

Ports

The **Ports** displays an image of the router's front panel with highlighted Ethernet ports that are currently in use. The Refresh button refreshes all information fields in the page. The figure below is an example of the Ports section:

[[File:{{{file_lan_ports}}}]]

Wireless

The **Wireless** section displays information about wireless connections and associated WiFi stations.

Wireless Information

The figure below is an example of the **Wireless Information** section:

Field name	Description
Channel	Currently used channel. In most countries there are 13 WiFi channels on the 2.4 GHz band (14 in Japan) to choose from
Country Code	Indicates currently used country code (SO/IEC 3166 alpha2 country codes as defined in ISO 3166-1 standard)

Wireless Status

The **Wireless Status** section contains information about Wireless Access Points. The figure below is an example of the **Wireless Status** section:

Field name	Description
SSID	The broadcasted SSID (Service Set Identifier) of the wireless network
Mode	Connection mode. Can either be Access Point (AP) or Client. In AP mode others can connect to this router's wireless connection. In client mode router connects to other wireless networks
Encryption	The type of WiFi encryption used
Wireless MAC	The MAC (Media Access Control) address of the access point radio
Signal Quality	The signal quality between router's radio and some other device that is connected to the router
Bit rate	The maximum possible physical throughput that the router's radio can handle. Bit rate will be shared between router and other possible devices which connect to local Access Point (AP)

Associated Stations

The **Associated Stations** section contains information about devices that are connected to Wireless Access Point. The figure below is an example of the **Associated Stations** section:

Field name	Description
MAC address	Associated station's MAC (Media Access Control) address
Device Name	Currently connected device name
Signal	Received Signal Strength Indicator (RSSI). Signal's strength measured in dBm
RX rate	The rate at which packets are received from associated station
TX rate	The rate at which packets are sent to associated station

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