

General Interface Settings

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This document applies to V3.0

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General Information

Summary

MikroTik RouterOS supports a variety of Network Interface Cards as well as some virtual interfaces (like Bonding, Bridge, VLAN etc.). Each of them has its own submenu, but there is also a list of all interfaces where some common properties can be configured.

Description

The Manual describes general settings of MikroTik RouterOS interfaces.

Interface Status

Home menu level: */interface*

Property Description

mtu (*integer*) - maximum transmission unit for the interface (in bytes)

name (*text*) - the name of the interface

type (*read-only: arlan | bonding | bridge | cyclades | eoip | ethernet | farsync | ipip | isdn-client | isdn-server | l2tp-client | l2tp-server | moxa-c101 | moxa-c502 | mtsync | pc | ppp-client | ppp-server | pppoe-client | pppoe-server | pptp-client | pptp-server | pvc | radiolan | sbe | vlan | wavelan | wireless | xpeed*) - interface type

Example

To see the list of all available interfaces:

```
[admin@MikroTik] interface> print
Flags: X - disabled, D - dynamic, R - running
#   NAME                               TYPE      MTU
0   R ether1                            ether     1500
1   R bridge1                           bridge    1500
2   R ether2                            ether     1500
3   R wlan1                             wlan      1500
[admin@MikroTik] interface>
```

Traffic Monitoring

Command name: */interface monitor-traffic*

Description

The traffic passing through any interface can be monitored.

Property Description

received-bits-per-second (*read-only: integer*) - number of bits that interface has received in one second

received-packets-per-second (*read-only: integer*) - number of packets that interface has received in one second

sent-bits-per-second (*read-only: integer*) - number of bits that interface has sent in one second

sent-packets-per-second (*read-only: integer*) - number of packets that interface has sent in one second

Notes

One or more interfaces can be monitored at the same time.

To see overall traffic passing through all interfaces at time, use **aggregate** instead of interface name.

Example

Multiple interface monitoring:

```
/interface monitor-traffic ether1,aggregate
  received-packets-per-second: 9      11
    received-bits-per-second: 4.39kbps 6.19kbps
  sent-packets-per-second: 16      17
    sent-bits-per-second: 101kbps  101kbps
-- [Q quit|D dump|C-z pause]
```