

MAC Telnet Server and Client

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This document applies to V2.8

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General Information

Summary

MAC telnet is used to provide access to a router that has no IP address set. It works just like IP telnet. MAC telnet is possible between two MikroTik RouterOS routers only.

Specifications

Packages required: *system*

License required: *level1*

Home menu level: */tool, /tool mac-server*

Standards and Technologies: *MAC Telnet*

Hardware usage: *Not significant*

Related Documents

- [Package Management](#)
- [Ping](#)
- [MNDP](#)

MAC Telnet Server

Home menu level: */tool mac-server*

Property Description

interface (*name* | *all*; default: **all**) - interface name to which the mac-server clients will connect

- **all** - all interfaces

Notes

There is an interface list in configured in the submenu level. If you add some interfaces to this list, you allow MAC telnet to that interface. Disabled (**disabled=yes**) item means that interface is not in the list rather than that MAC telnet is disabled on that interface.

Example

To enable MAC telnet server on **ether1** interface only:

```
[admin@MikroTik] tool mac-server> print
Flags: X - disabled
#   INTERFACE
0   all
[admin@MikroTik] tool mac-server> remove 0
[admin@MikroTik] tool mac-server> add interface=ether1 disabled=no
[admin@MikroTik] tool mac-server> print
Flags: X - disabled
#   INTERFACE
0   ether1
[admin@MikroTik] tool mac-server>
```

Monitoring Active Session List

Home menu level: */tool mac-server sessions*

Property Description

interface (*read-only: name*) - interface the client is connected to

src-address (*read-only: MAC address*) - client's MAC address

uptime (*read-only: time*) - how long the client is connected to the server

MAC Telnet Client

Command name: */tool mac-telnet*

Example

```
[admin@MikroTik] tool> mac-telnet "00:40:63:C1:23:C4"
Login: admin
Password:
Trying 00:40:63:C1:23:C4...
Connected to 00:40:63:C1:23:C4

MMM      MMM      KKK      TTTTTTTTTTTT      KKK
MMMM     MMMM     KKK      TTTTTTTTTTTT      KKK
MMM MMMM MMM III KKK KKK RRRRRR      OOOOOO      TTT      III KKK KKK
MMM MM  MMM III KKKKK RRR RRR OOO OOO TTT      III KKKKK
MMM     MMM III KKK KKK RRRRRR      OOO OOO TTT      III KKK KKK
MMM     MMM III KKK KKK RRR RRR OOOOOO      TTT      III KKK KKK

MikroTik RouterOS v2.7 (c) 1999-2003      http://www.mikrotik.com/
Terminal linux detected, using multiline input mode
```

```
[admin@10.5.7.1] >
```